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The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3116
VOL. CXXXI

OCTOBER 28, 1939

Annual Subscription (with
Diary) 20/-, Single Copies 9d.

VITAMIN PRODUCTS OF HIGH POTENCY

As dependable as the reputation of their maker. Biological assay requires meticulous care on the part of the laboratory staff who have the responsibility of assuring the potency of these accessory food substances.

The Vitamin Products supplied by the Lilly Laboratories have been subjected to the most careful chemical and biological testing. Clinical results amply justify the confidence placed in them.

'HEPICOLEUM' BRAND Vitamins A and D.
'HEPICOLEUM COMPOUND' BRAND Vitamins A, B₁, B₂, C and D.

'MELVARON' BRAND Malt Extract with Vitamins and Iron
WHEAT GERM OIL—LILLY

ELI LILLY AND COMPANY LIMITED
BASINGSTOKE, HANTS.

Telephone Basingstoke 800. Telegrams, Lilly, Basingstoke

We take this opportunity of tendering thanks to all our Customers for the assistance they have given us during the first days of the War.

Delays and omissions in executing orders have been inevitable and the co-operation which has been extended to us by our Friends is highly appreciated by the Company's entire Staff.

BULK DRUGS

DISINFECTANTS

TOILET PREPARATIONS

PACKED PHARMACEUTICALS



"A Reputation that is sound and enduring is more valuable than a passing success however spectacular, and it cannot be built up in a day."

For 50 years a policy of supplying only the finest pharmaceutical preparations at reasonable prices has been consistently maintained.

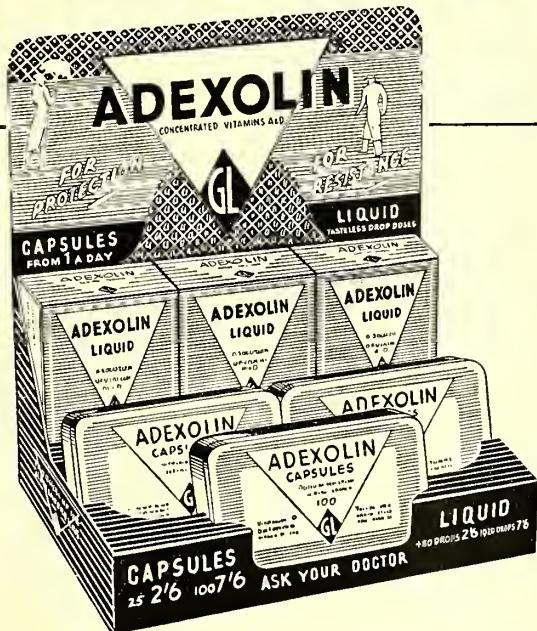
SOUTHWARK

LONDON

MIXED DISPLAY PARCELS FOR ADEXOLIN

*and six other display
parcels showing you*

33 $\frac{1}{3}$ % profit



New 'SILENT SALESMEN'

The new "number seven" Adexolin display parcel makes buying—and selling—easier! It puts the vitamins A and D story of Adexolin right beneath the public eye. It sells Adexolin Capsules as a winter protective routine for adults, and Adexolin Liquid for infants. Moreover, the two new "Silent Salesmen" do this selling job persistently and well. They make their appeal to every customer who comes to your counter. Thus parcel No. 7 appeals to a huge potential market, offers an attractive range of pack sizes, and is highly profitable and economical to stock. Make this parcel the "spear-head" of your sales effort, therefore; but do not forget the other Adexolin Display Parcels as a means of re-stocking your most popular sizes. These seven parcels were designed to help you sell easily and profitably. Examine the list on the right and send your first winter order today.

DISPLAY PARCEL No. 7

Now you can buy Adexolin Liquid and Adexolin Capsules in the same parcel—ready-displayed! Outlay is only two pounds for a well-balanced combination of the most popular sizes. Profit—10d. on every half-crown sale! Include a parcel No. 7 in your winter order. Put the Adexolin "Silent Salesmen" on your counter this winter!

Costs £2 0 0 : Sells for £3 0 0
Profit £1 0 0

LIST OF ADEXOLIN DISPLAY PARCELS

Parcel No.	Contents	Retail Price per Unit	Cost per Parcel	Parcel Sells for	Profit per Parcel
CAPSULES					
1	24×25	2/6	£ s. d. 2 0 0	£ s. d. 3 0 0	£ s. d. 1 0 0
2	9×100	7/6	2 5 0	3 7 6	1 2 6
3	12×25 4×100	2/6 7/6	2 0 0	3 0 0	1 0 0
LIQUID					
4	24×½ oz.	2/6	2 0 0	3 0 0	1 0 0
5	9×2 oz.	7/6	2 5 0	3 7 6	1 2 6
6	12×½ oz. 4×2 oz.	2/6 7/6	2 0 0	3 0 0	1 0 0
CAPSULES and LIQUID					
7	12×25 3×100 3×½ oz.	2/6 7/6 2/6	2 0 0	3 0 0	1 0 0

POINTS THAT MAKE SALES FOR ADEXOLIN

ADEXOLIN gives concentrated vitamins A and D without bulky fish-oil. Thus, rising prices of these oils will not affect Adexolin.

EACH CAPSULE is equivalent to three teaspoonfuls of medicinal cod-liver oil.

TEN DROPS OF ADEXOLIN LIQUID—daily protective dose for an infant—equal 1½ teaspoonfuls of cod-liver oil.

VITAMIN A protects against colds and winter ailments; builds high resistance; prevents the night blindness of A-deficiency.

VITAMIN D regulates body's use of calcium and phosphorus, and is "second line of defence" against bacterial invasion.

TOGETHER, vitamins A and D increase well-being.

AS A PROTECTIVE ROUTINE, all adults and adolescents should take "one capsule a day from October to May."

EXPECTANT MOTHERS need a capsule a day for the last 100 days of pregnancy. INFANTS should have ten drops of liquid a day.

GLAXO LABORATORIES LTD · GREENFORD · MIDDLESEX · BYRON 3434

COTY



Important Announcement

PRICES OF COTY CREATIONS

INCLUDING CHRISTMAS PRESENTATIONS

ARE NOT INCREASED

Sufficient stocks are available. Dealers are earnestly requested to send their orders early, especially in the case of Christmas Presentations, stocks of which will not be replaced when exhausted.

Orders will be executed in strict rotation. Present trading terms and rates of discount remain unchanged.

PLEASE NOTE

IF YOU HAVE NOT YET RECEIVED YOUR COPY OF OUR ILLUSTRATED XMAS CATALOGUE PLEASE WRITE TO COTY HOUSE, 3 STRATFORD PLACE, W.1.

TEL.
MAY 7244

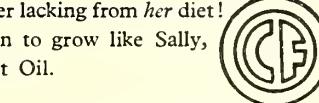
What Mother could resist the appeal of Sally?

Display this delightful New showcard and increase your sales

of
Crookes'

HALIBUT OIL

"SALLY"—based on the original painting for the Crookes Laboratories by G. Vandersyde—will draw mothers and parents to your window or pharmacy. Tell them that Sally is four, and has had Crookes' Halibut Oil from birth. Point out her firm, strong flesh, straight limbs, sparkling eyes, fine hair and teeth—all proving that Vitamins A & D were never lacking from her diet! And say that if they wish their children to grow like Sally, they must give them Crookes' Halibut Oil.



THE CROOKES LABORATORIES (British Colloids Ltd.) PARK ROYAL, N.W.10
Telephone: Willesden 6313 (5 lines) Telegrams: Collosols, Harles, London

T.G.S.



Another bonny chad. Thank you.

Crookes'
Halibut
Oil

Display earns
**GENEROUS
BONUS TERMS**

Orders of 6 doz. (Whole or half-dozens only) 25% and 100% and bonus of 2 per doz.
Orders of 3 doz. (Whole or half-dozens only) 25% and 100% and bonus of 1 per doz.
Orders of 1 doz. (Whole or two half-dozens) Regular discounts and bonus of 1 per doz.

IMPORTANT ANNOUNCEMENT

It is our privilege to announce that as from November 1st, 1939, we have been appointed the sole distributors of

FORHANS "FOR THE GUMS"

BRAND
ORIGINAL DENTIFRICE

The product which has been recommended for more than a quarter of a century by the Dental Profession for SOFT, SPONGY, BLEEDING and INFECTED GUMS

and

FORHANS "MAKES TEETH SPARKLE" TOOTH PASTE

Scientifically formulated for the thoroughly efficient and harmless cleansing and polishing of the teeth; and maintaining the gums and oral fauces in a healthy hygienic condition.

STANDARD TRADE TERMS remain as below. Please note the change in quantity discounts.

			Public:	Trade:
			Each	Per Doz.
FORHANS Brand Original Dentifrice	..	..	1/3	10/-
" "	..	..	2/6	20/-
FORHANS Tooth Paste	..	..	6d.	4/-
" "	..	..	1/3	10/-
" "	..	..	2/6	20/-

3-doz. 1/3 size (or equivalent) less 5 per cent. carriage paid.

6-doz. 1/3 size (or equivalent) less 7½ per cent. carriage paid.

NET 30 DAYS

It will be our earnest endeavour to maintain the prompt despatch and individual service given you in the past. We will keep you informed, through the mail and our representative staff, of the propaganda and publicity which it is proposed to put into effect to create consumer demand and to keep your stocks continually moving.

SOLE DISTRIBUTORS:

FASSETT & JOHNSON LTD.

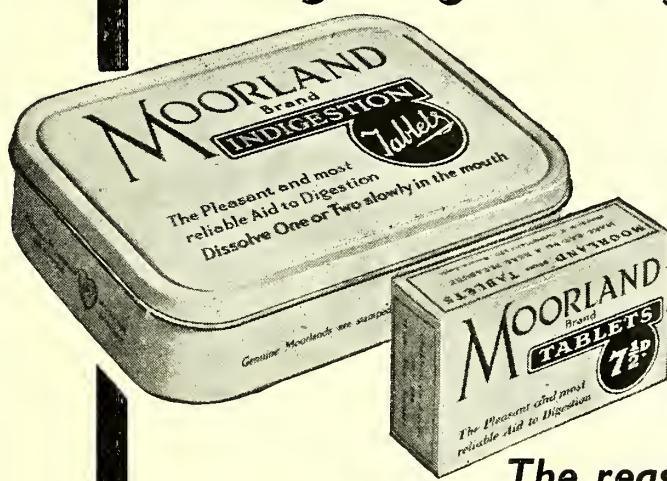
86 Clerkenwell Road, LONDON, E.C.I

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We thought you might be interested in a few facts



- **INCREASED DEMAND**
- **RECORD SALES**
- **NATIONALLY ADVERTISED**
- **OVER 40% PROFIT**

The reasons why it pays to display

MOORLAND
BRAND
INDIGESTION TABLETS



W. B. CARTWRIGHT LTD., RAWDON, LEEDS

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DEARBORN (1923) LIMITED

announce that the price of

MERCOLIZED WAX

and all associated lines will not be advanced either
to the public or to the trade

A new and increased advertising campaign has started
and you should see that your stocks are adequate
to meet the demand that is being created.

DEARBORN (1923) LTD. 37 Gray's Inn Road, London, W.C.1

Telephone: HOLBORN 9669

EXTRACTS
TINCTURES RESINOIDS
OLEO-RESINS MEDICINAL RESINS

EXTRACTS of ERGOT and IPECACUANHA

**BELLADONNA and HENBANE
PREPARATIONS**

From Plants Grown On Our Own Farm

CHLOROPHYLL ALL GRADES

WILLIAM RANSOM & SON

ESTABLISHED 1846

Ltd.

Manufacturing Chemists

HITCHIN near LONDON

A CHOCOLATE LAXATIVE THAT IS EASY TO ADMINISTER

Cubes of real chocolate, each cube containing 2 grains of Phenolphthalein

3 cubes	{ 6 dozen at 1/8 dozen wrapped	1 gross 18/6
---------	--------------------------------	--------------

Small Tins (retail 6d.)
Contain 9 cubes.
In show outers of 1 dozen
4/- per dozen

Large Tins
Contain 24 cubes.
In outers of 1 dozen
8/3 per dozen

PRICES. In consequence of the increased cost of materials, all prices are subject to alteration, and orders can only be executed at prices ruling at time of dispatch.

ARTHUR H. COX & CO. LTD., BRIGHTON

STOCK—

'DAWN' RAVELPROOF
FACE CLOTHS

—and increase your face cloth business

Dawn' Ravelproof Face Cloths are made in three distinct qualities retailing at 4d., 6d and 9d. The Super 'Dawn'—a larger size—retails at 1/-. All produced in assorted colours, attractively packed in "Cellophane" and ready to hand over. A face cloth that is different and never gets slimy. Obtainable from your usual Wholesaler.

JACQUESIIS FABRICS LTD.
Red Bank Mills, RADCLIFFE, LANCS

London Agent: G. H. Bolton, Oxford Hse, Falcon Sq., Aldersgate St., E.C.1



CAPSULE MAKERS TO THE TRADE . . .

Many years of specialised experience are at your disposal. Superlative products at keenly competitive prices. Ask us to quote for your next requirements. Own or standard formulæ compounded.

CROWN CAPSULE CO.

CAMPBELL ST., HELENSBURGH,
SCOTLAND. 'Phone: Helensburgh 356

LA PARFUMERIE MODERNE

(Established 1908)

An illustrated Monthly Review of the
Perfumery and Allied Industries

The regular publication (in English and Spanish as well as in French) of technical and practical articles on Essential Oils and Synthetic Perfumery Products is a feature of this popular Trade Journal

Specimen copy and all particulars from

15 rue Constant, Lyon

12 rue Jules-Guesde, Puteaux, Paris

HINDS

HONEY & ALMOND CREAM

PUSH ON THEIR HAND CAMPAIGN

BIG WAR-TIME NEED BRINGS SPECIAL INTEREST IN NEW 6d. TUBE

Far more women—and men too—will be using their hands this winter. Chapped hands, red hands, sore hands, will be worrying people who've never suffered before.

This unaccustomed outdoor and manual work is going to bring Hinds into the limelight. Hinds—now also available in a tube for *easy carrying about*—will be an unparalleled boon to *countless* new users, as well as to old devotees.

That's why Hinds are going on advertising. Hinds advertisements in leading dailies and Sunday papers will reach 50 million buyers by Christmas! It is worth while to stock up regularly to meet a demand which will inevitably be larger than previous winters have seen.

THESE PAPERS WILL BOOST YOUR SALES

NATIONAL DAILY PRESS	DAILY
DAILY	DAILY
MIRROR	HERALD
DAILY	GLASGOW
SKETCH	BULLETIN
—	
NATIONAL SUNDAY PRESS	SUNDAY
SUNDAY	SUNDAY
EXPRESS CHRONICLE	REYNOLD'S NEWS

HINDS HONEY & ALMOND CREAM

NOW AVAILABLE IN

BOTTLE or TUBE

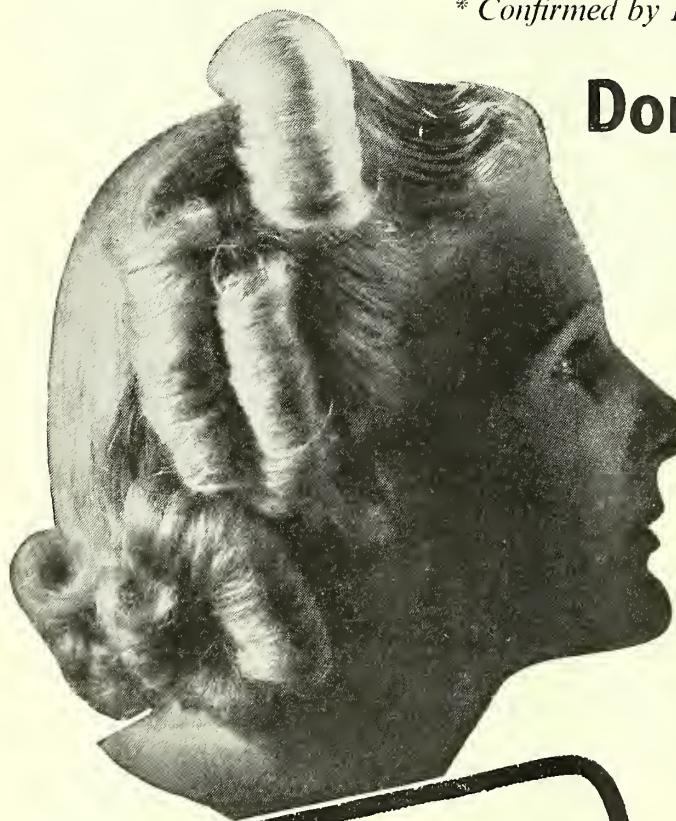
HAVE YOU THE TUBES YET IN STOCK?

Supplies as usual through your wholesaler or from
LYSOL LTD., RAYNES PARK, LONDON, S.W.20



THE MOST POPULAR*SHAMPOO ON THE MARKET

* Confirmed by Independent National Brands Investigation



Let "Mrs. Smith" know

the CREAM form of Eve is extra-quick and easy to use. Her whole family will use it—and that means quicker repeat orders! Clinch your sale with the 5 special advantages possessed by both Eve Shampoos:

1 Eve Cleanses—gently, yet quickly and thoroughly. No soap in Eve, therefore no unhealthy lime-scum to dull the hair.

2 Eve Beautifies—leaves hair soft, lustrous, in perfect natural condition.

3 Eve is Safe—no harmful alkali. Mild, yet efficient, Eve cannot affect the structure of the most delicate hair. It is specially recommended for children.

4 Eve Benefits—both hair and scalp; frees the hair from dandruff, with its attendant troubles; enables scalp pores and glands to function normally.

5 Eve Aids Setting—it leaves no clogging deposits to make hair "difficult". More, because Eve cleanses away all scalp waste and dandruff, it makes hair manageable.

**Don't let your share
of these sales
go elsewhere**

It's easy to claim a line will make you easy money. But this claim is proved—for *Eve Shampoo is now the most popular shampoo on the market*. And because of the great weight of advertising behind Eve women are buying more Eve Shampoo every week.

Make them buy it from you. Once they're reminded of Eve by seeing it on your counter, by your telling them of Eve's big advantages—especially of the handiness of Eve Cream for the whole family—there's no reason for them to go elsewhere. And don't forget you can use the goodwill already in the minds of those who use Eve Powder to sell them the 6d Eve Cream, with the higher turnover it shows you.

Display and Recommend

Eve Shampoo

CREAM 6^d A TUBE POWDER 2^d

THREE SHAMPOOS

JOSEPH WATSON & SONS LTD., LEEDS

EVT 10-146-100

MERITOR TOOTHBRUSH NATIONAL PRESS ADVERTISING CONTINUING

MERITOR
REGD

You should have a MERITOR—
Just the brush you're looking for
You'll appreciate the packing—
Sterilized, hygienic wrapping.
Strong and lasting—British made,
Pleasing colours — choose your shade
Long or short heads, bristles stout
Value here, beyond a doubt

MAW OF LONDON
MERITOR CHEMISTS' SUNDRIES

MERITOR
REGD

You should have a MERITOR—
Just the brush you're looking for
You'll appreciate the packing—
Sterilized, hygienic wrapping.
Strong and lasting—British made,
Pleasing colours — choose your shade
Long or short heads, bristles stout
Value here, beyond a doubt

MAW OF LONDON
MERITOR CHEMISTS' SUNDRIES

NO INCREASE IN PRICE OF STANDARD LINES

MERITOR
REGD

DON'T
FORGET
YOUR
MERITOR
TOOTHBRUSH

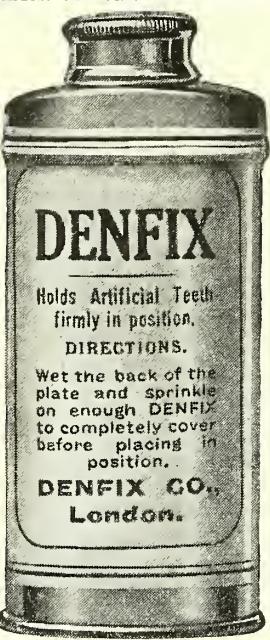
MAW OF LONDON
MERITOR CHEMISTS' SUNDRIES

MERITOR
REGD

DON'T
FORGET
YOUR
MERITOR
TOOTHBRUSH

MAW OF LONDON
MERITOR CHEMISTS' SUNDRIES

BRUSHWARE PRICES MUST RISE—BUY WISELY NOW!



TELEPHONES : RODNEY 3874
(4 lines)

EXCELLENT PROFITS AND A STEADY INCREASE IN SALES

Advice to your customers—

You can speak in comfort
You can eat in comfort
You can sleep in comfort
Your denture is fixed

DENFIX

MADE BY

ROBERT BLACKIE

MELON ROAD - - - LONDON, S.E.15

AND — SPUN OINTMENTS — OF COURSE

Eucryl
Dentifrices



TOOTH POWDER



DENTURE POWDER

BOUGHT ON
DISPLAY TERMS
YIELD—
PROFIT ON SELLING
PRICE

39%

PROFIT ON BUYING
PRICE

63·6%

SHOWCARDS ON REQUEST
EUCRYL LTD.
Manufacturing Chemists
SOUTHAMPTON

CHEMISTS' FITTINGS

MODERN DESIGNS
BEST QUALITY
FIRST-CLASS FINISH
KEEN PRICES

CALL OR WRITE THE ACTUAL MANUFACTURERS :

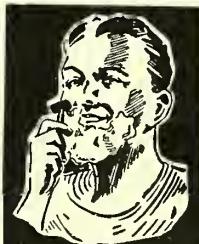
AYRTON-GRAHAM LTD.
24 BENSON STREET, LIVERPOOL, 1
PHONE : ROYAL 1318

WARDONIA



**THE PERFECT BLADE FOR
ALL THREE PEG RAZORS**

THOMAS WARD & SONS LTD.
Wardonia Works, Sheffield 1, Eng.



Don't neglect the opportunity of valuable new business offered by "Wardonia" blades. In packets of 4 for 1/- and 10 for 2/6 they enjoy untiring popularity for their easy shaving qualities. Trade Terms 21/- per Box of 120.

IMPORTANT TRADE NOTICE

Vosemar Ltd., Bury, Lancs., announce that their **Discount Terms will remain unchanged*** (i.e. as at September 2nd. 1939) and that no surcharges whatsoever will be made covering War Risk Insurance. Also **no increase in their Fixed Selling Prices** will be made unless vitally necessary.

★

This announcement cancels any previous communication to the contrary which may have been received by some of our stockists.

CURLY TOP • VOSEMAR • VOSENE (MEDICATED SCALP HYGIENE)

PANACEL OINTMENT CAMPAIGN

Starts Oct. 29

—Are you going to get your share of the sales?

—Have you sent for your "no risk" initial stock?

You have received a letter from Belle Isle Laboratories, Ltd., setting out their policy, which is, briefly: heavy advertising to create public demand, generous profits, all eligible products automatically placed on the C.F. list and application made for the inclusion of all products in the P.A.T.A. protected list.

Heavy Advertising

Panacel brand of Antiseptic Ointment, the first pharmaceutical product to be launched by this new organisation, will be advertised vigorously and extensively in the

National, Provincial & Scottish Press commencing Oct. 29

To enable you to obtain reasonable initial stocks on an extra-profit basis, a most attractive introductory offer was made in a letter sent to all chemists last week. If you have been too busy to send in the order card, DO IT NOW.

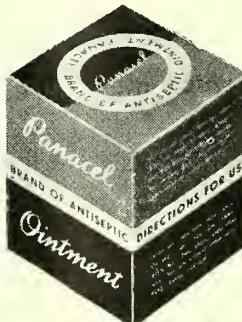


TRADE TERMS

Panacel Ointment attractively yet soberly packed, as befits a product of this type: 1s. 3d. size 1oz 6d. a dozen; 3s. size 25s. a dozen. Parcels value £2 and over, 5 per cent. additional profit and carriage paid.

Do not wait for the travellers to get around to you (they're doing their best but it may be some weeks before you receive a call), but write placing your order today. You will not regret it.

If by any chance you have not received particulars of the Special Introductory Offer, please write or 'phone





Solving a problem in first-aid

One of the most vital problems with which First-Aid workers are likely to be confronted is the treatment of conditions due to shock or acute tension.

These 'TABLOID' products are reliable, effective and convenient: a wise addition to every home and commercial first-aid equipment.

TRADE MARK **'TABLOID'** BRAND
THREE BROMIDES
EFFERVESCENT

Contains the bromides of Potassium, 0·4 gm.; Sodium, 0·4 gm.; and Ammonium, 0·2 gm.

Tubes of 25 products

TRADE MARK **'TABLOID'** BRAND
'EMPIRIN' ACETYLSALICYLIC ACID
COMPOUND
with CODEINE

Contains 'Empirin' Acetylsalicylic Acid, gr. 3½; Phenacetin, gr. 2½; Caffeine, gr. ½; and Codeine Phosphate, gr. ½

Bottles of 25 and 100 products

TRADE MARK **'TABLOID'** BRAND
'EMPIRIN' ACETYLSALICYLIC ACID
COMPOUND

Contains 'Empirin' Acetylsalicylic Acid, gr. 3½; Phenacetin, gr. 2½; and Caffeine, gr. ½

Bottles of 25 and 100 products

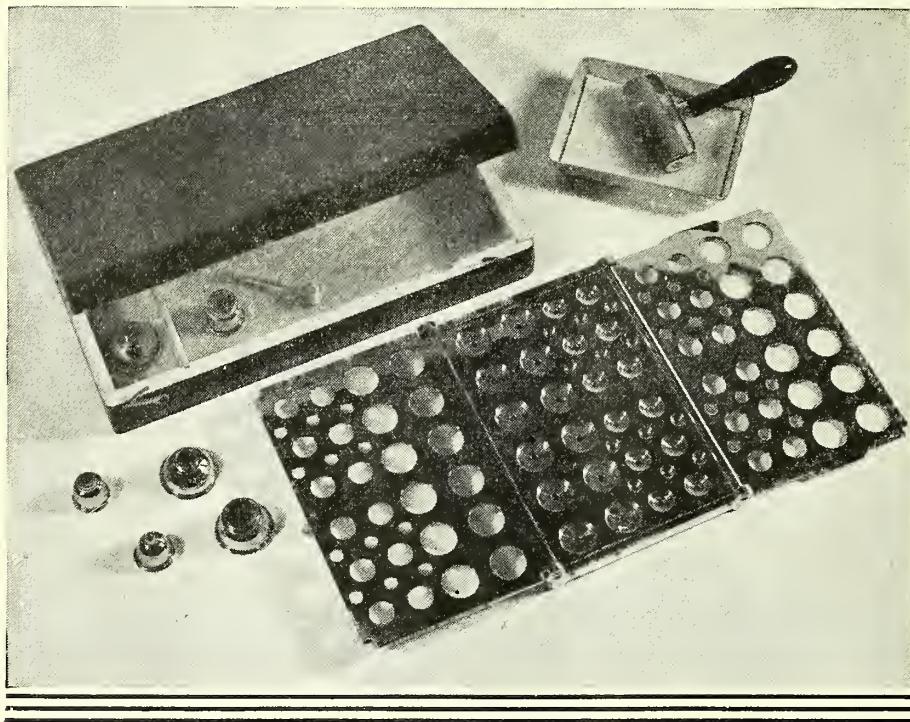


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The official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions

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News of the Week

Business Changes

MR. W. M. CAMERON, M.P.S., has taken over the business of Mr. L. Fricker, M.P.S., 17 Pickwick Road, Corsham, Wilts.

The business of KENNEDY & EVANS (Mr. K. W. Kennedy, M.P.S.) is removing on November 2 from 7 Wallasey Road, to 297 Liscard Road, Wallasey.

Molasses Control Exemption

Following an Order made by the Minister of Supply, the provisions in the Control of Molasses and Industrial Alcohol (No. 2) Order (fixing a maximum price of molasses) will not apply to molasses of high grade which has been imported into the United Kingdom in packages the capacity of each of which does not exceed 10 cwt., and which has received the approval of the Minister of Supply in writing as complying with this description. The amending Order is known as the Control of Molasses and Industrial Alcohol (No. 4) Order, 1939.

War Risks Premium Concessions

In order to give effect to the concessions announced by the President of the Board of Trade on October 5, in relation to premiums for the initial period of three months cover under Part II of the War Risks Insurance Act, 1939, the following arrangements have been approved:

Persons who registered under Part II of the Act and have paid the premium until December 2, or who have, since the outbreak of war, taken out policies to December 2, on the basis of a fixed sum insured, should apply to the fire insurance company or Lloyds through whom the registration was effected for a refund of premium in respect of the month to October 2, the refund to be made early in November. Those registered persons who have not yet paid the premiums will be required to pay two-thirds of the three-monthly premium due by virtue of the registration.

Persons who were insured for the whole or a part of the month to October 2, should when making application for insurance for the month commencing November 3, apply to have credited to them the premium for the period to October 2.

In the case of persons holding three-monthly adjustable policies for the period to December 2, the premium to be calculated will be based on the weekly declarations made in respect of the period following October 2. The provisional premium will be retained and credited to the insured on the final adjustment.

Further details of these arrangements may be obtained from the fire insurance companies and Lloyds acting as the agents of the Board of Trade for the purposes of the Commodity insurance scheme.

Proprietary Articles Trade Association

ADDITION TO PROTECTED LIST.—Alfred Bishop, Ltd., Bishop's natural saline, new emergency packet, 3d., 2s. doz.

ALTERATIONS.—Forhans, Ltd. As from November 1, Forhans

products will be distributed by Fassett & Johnson, Ltd., 86 Clerkenwell Road, London. Minimum retail and wholesale prices from that date will be as at present. Quantity orders, three doz. 1s. 3d. size (or equivalent), less 5 per cent. carriage paid. Six doz. 1s. 3d. size (or equivalent), less 7½ per cent. carriage paid. Net thirty days. *Ki-Uma, Ltd.*, Ki-Uma brand bath salts, new family-size carton (6 lb.), 8s., 72s. doz. *Glaxo Laboratories, Ltd.* New prices operative as from October 23: GlucoDin, 1 lb., 2s., 18s. doz.; 3 lb., 5s. 3d., 47s. 3d. doz.; 7 lb., 12s. 3d., 110s. 3d. doz.

Dangerous Drugs Acts, 1920-32

(From "The London Gazette," October 13, 1939)

WITHDRAWAL OF AUTHORITIES

Whereas Kenneth Rupert Tattersall, M.R.C.S., Eng., L.R.C.P., Lond., whose registered address is 2 Ridgepark Road, Plympton, South Devon, has been convicted of an offence against the Dangerous Drugs Acts, 1920 to 1932:

And whereas the said Kenneth Rupert Tattersall cannot, in my opinion, properly be allowed to be in possession of or to supply any drug or preparation to which the Dangerous Drugs Regulations, 1937, or any drug to which the Raw Opium, etc., Regulations, 1937, apply:

Now therefore, in pursuance of the powers conferred on me by Regulation 7 of the Dangerous Drugs Regulations, 1937, and by Regulation 5 of the Raw Opium, etc. Regulations, 1937, I hereby withdraw from the said Kenneth Rupert Tattersall the authorities conferred by the said Regulations upon him to be in possession of and to supply the drugs or preparations to which the Dangerous Drugs Regulations, 1937, and the drugs to which the Raw Opium, etc., Regulations, 1937, apply:

And I hereby direct that it shall not be lawful for the said Kenneth Rupert Tattersall to give prescriptions for the purposes of the Dangerous Drugs Regulations, 1937.

JOHN ANDERSON,
One of His Majesty's Principal Secretaries of State.
Whitehall,
October 13, 1939.

Birmingham

AFTERNOON-TEA DANCE.—The Birmingham Pharmaceutical Association held an afternoon-tea dance on October 18. More than sixty members and friends being present. After tea presentations were made to officers of the local committee of the British Pharmaceutical Conference, 1939. Messrs. D. J. Rushton (secretary) and E. C. Thonger (assistant secretary) receiving cheques, and Mrs. D. J. Rushton a silver fox fur. The function concluded with the

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presentation of a silver salver to Mr. E. W. Mann, B.Sc., F.I.C., inscribed: "Presented to Mr. E. W. Mann, B.Sc., F.I.C., by his pharmaceutical friends as a token of esteem and appreciation of his untiring and enthusiastic services as president of the Birmingham Pharmaceutical Association for four years and as chairman of the Local Committee of the British Pharmaceutical Conference held in Birmingham, July, 1939," and of a gold wrist-watch to Mrs. E. W. Mann, as an appreciation by local pharmacists of their untiring efforts.

Brighton

C. & D. RETAIL PRICE LIST USED AS CRITERION.—A circular letter has been sent out to members of the Brighton and Hove Branch of the Pharmaceutical Society and local Association by the joint secretary enclosing a short list of wholesale pound prices of galenicals and drugs in frequent use. The object has been to impress upon members the importance of keeping up to date with price advances and the statement is made: "The recommended method of pricing, and the prices we have given you, are substantially those adopted by THE CHEMIST AND DRUGGIST in their retail price list. Incidentally, their latest list is practically up to date for most drugs, and is a marvel of efficiency of speed and organisation for these times, when the printing presses for the most part lag well behind the times."

Merseyside

FIRST-AID LECTURES.—The Catholic Pharmaceutical Guild, Liverpool, has arranged for members and their friends a course of six lectures in first aid. The lectures will be given by Dr. J. Morrissey in the Cathedral Building, commencing on October 29.

PUBLIC ASSISTANCE DISPENSING.—A further decrease in the cost of dispensing medicines at the outdoor dispensaries of the Liverpool Public Assistance Committee is reported to the City Council. Comparative figures are:—

	1934	1936	1938	1939
Prescriptions Dispensed ..	247,284	416,410	385,206	341,058
Cost	£5,282	£9,455	£7,310	£6,374
Average Cost per Prescription	5·13d.	5·449d.	4·554d.	4·48d.

CROSBY ANNUAL MEETING.—The annual meeting of Crosby Pharmacists' Association was held on October 11, the president (Alderman J. Allen Jones) in the chair. The annual report, showing increases in membership and associate-membership and summarising a year of many business and social activities, was adopted. The treasurer submitted the annual financial report which was also adopted. Mr. A. Fairbairn was elected President and Mr. H. A. Pringle Vice-President. The Treasurer (Mrs. Wilkinson) and Secretary were re-elected. Three vacancies on the Committee were filled by Messrs. Fleetwood, J. Allen Jones and Morris, who were elected to serve until October, 1941. The other members of the committee, who retire in October, 1940, are Messrs. Durrant, Jackson and Pattison. The Auditors, Messrs. Adamson and Arkle, were re-elected. The action of certain wholesalers in adding a surcharge to invoices was severely criticised, and it was agreed to resist strenuously any increase above 1½ per cent. The effect of an increase in price of a named proprietary was considered unsatisfactory. While some chemists had already bought at the new prices, others reported that they had stocks to last for from four to six months, so that a price-protected Chemists' Friends article would thus be sold at different prices, some chemists virtually undercutting others. It was decided to ask the manufacturers to raise the retail prices on an agreed date in the near future. It was further resolved that, despite war conditions, including lighting restrictions, regular business meetings should be held, and that, if it were reasonably possible, some social functions should be arranged, even if only on a modest scale, to keep members and associates together.

Peterborough

The annual meeting of the Peterborough Chemists' Association was held at Peterborough on October 12, when the following officers were elected: President, Mr. G. W. Dring; Vice-President, Mr. E. W. Judge, Bourne; Secretary, Mr. B. Wright, 26 Queens Gardens, Peterborough; Assistant Secretary, Mr. H. Stanyon; Treasurer, Miss A. M. Smith; Auditor, Mr. C. W. Lenton; Council, Messrs. A. M. Graham, A. Duffield, H. E. Whitwell,

A. C. Fowler, and H. Jones, Crowland. It was proposed and seconded that the officers elected should remain in office until hostilities cease. In his report, the secretary said "We still continue 'mopping-up' operations on drug stores retailing Chemists' Friends goods, but in my opinion a tightening up of some sort is necessary by the National Pharmaceutical Union. These drug stores have been too long retailing C.F. goods, and the routine of catching them out is far from satisfactory."

Miscellaneous

MOVE FOR EARLIER CLOSING.—It is understood that a movement is on foot in the West of England to secure general closing of shops earlier than under the projected order to be made under Section 1 of the Shops (Hours of Closing) Act. (See *C. & D.*, October 21, p. 397). In several towns in Cornwall and North Devon, the campaign is to be taken direct to the public, who are to be urged to "complete all shopping by 4 p.m. during the winter months, so that the streets may be clear by 4.30 p.m."

THE DRUGS AND INDENT Publications Branch of the Home Office has moved from Queen Anne's Chambers, Broadway, London, S.W.1, to Cleland House, Page Street, Westminster, S.W.1. Telephone: Victoria 4433. Major Coles, Chief Inspector, Dangerous Drugs, has been transferred in charge of another department of the Home Office, and semi-official communications regarding drugs and indecent publications should be addressed to Mr. F. Thornton, Deputy Chief Inspector, Dangerous Drugs.

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS.—The Association held its first gathering of the season on October 14, the occasion being a re-union tea at which some forty members were able to assemble. The meeting was presided over by Miss Harvey, making her first appearance as president. Her remarks concerning three major problems in pharmaceutical life today led to discussion and the pooling of experiences by members holding positions in different types of hospitals, in wholesale houses and in the retail, and one or two unfortunate members who have lost positions owing to the war. Machinery was set in motion to obtain solutions of the difficulties. Members were advised to watch the Press for subsequent advice on these matters, particularly with regard to service in the Red Cross. Several members volunteered to act as regional secretaries and call meetings in their local districts of London, reporting to the committee.

Irish Notes

Miscellaneous

EXAMINATION RESULTS.—The following are the results of the recent Licence examination of the Pharmaceutical Society of Ireland: Passed with honours, Thomas Enda Quigley. Passed, F. C. McEvoy, Desmond Paul McHugh, Carmel McNally, Laurence O'Dea.

IN THE COURTS.—At Dublin Circuit Court on October 13, Patrick Webb, aged 17, a native of Liverpool, was sentenced to two years' Borstal detention for stealing, on June 29, a doctor's bag containing drugs, including strychnine, and surgical instruments.

Scottish Notes

Miscellaneous

HOURS OF BUSINESS.—The local Co-operative Society has announced that its central drug department, 22 Queen Anne Street, will close for general business at 6 p.m. daily, but that, until further notice, a small staff will be maintained, for dispensing of prescriptions only, between 6 p.m. and 7 p.m. The Dumfriesshire Insurance Committee has decided not to approve the earlier closing for chemists' shops at present.

BUSINESS MEETING.—The first sessional meeting of the Paisley Chemists' Association took place on October 12 under the chairmanship of Mr. Whiteford (president). A discussion took place on earlier closing of pharmacies, and it was moved by Mr. Young and unanimously approved that hours of opening should be 9 a.m. till 6 p.m. on Mondays, Wednesdays, Thursdays and Fridays till 7 p.m. on Saturdays, and till 1 p.m. on Tuesdays. The decision has been conveyed to the Burgh Insurance Committee, but no action will be taken until the Committee's comments are received. Rising prices were also discussed, and an expert statement by Mr. Murray was appreciated by all.

Company News

P.C. means Private Company and R.O. Registered Office

LUNTZ CHEMIST, LTD. (P.C.)—Capital £100. Objects: To acquire the chemist's and druggist's business of J. M. B. Luntz, late J. M. Gregory, now carried on at 75 Northolt Road, Harrow.

PROSSER ROBERTS (CAMBERWELL), LTD. (P.C.)—Capital £500. Objects: To acquire the business of a pharmaceutical chemist, formerly carried on by R. R. Roberts as the Prosser Roberts Co., 13 Church Street, Camberwell, London, S.E.5. Reginald R. Roberts, director.

J. TEMPLE TULLEY, LTD. (P.C.)—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in photographic materials, equipment and chemicals, etc. First directors are to be appointed. Secretary: E. H. Rowley, 8 Hollythorpe Rise, Norton Lees, Sheffield.

A. W. GOLIGHTLY, LTD. (P.C.)—Capital £1,500. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, glues, etc. Mrs. Margaret A. Golightly and Charles B. Young, M.P.S., 43 Holly Avenue, Whitley Bay, directors. R.O.: 95 Park View, Whitley Bay.

C. L. BURDICK MANUFACTURING CO. LTD. (P.C.)—Capital £10,000. Objects: To carry on the business of scientific instrument makers, manufacturing chemists, etc. Charles L. Burdick, 4 Eastern Road, Wood Green, London, N.22 (director of the Aerograph Co., Ltd.), director. R.O.: Stevenage House, 40 Holborn Viaduct, London, E.C.1.

UMBROC, LTD. (P.C.)—Capital £100. Objects: To adopt an agreement with the Lords Commissioners of the Admiralty, and to carry on the business of manufacturers of and dealers in plate, sheet and other glass, and articles made therefrom including bottles, manufacturers of chemical products and drugs, manufacturers and moulders of plastic materials. William H. S. Chance, Caspidge, Finstall, near Bromsgrove, Worcs, glass

manufacturer; Neville J. B. Raymond, Bumble Hole Cottage, Fockbury, near Bromsgrove, engineer (appointed by Chance Brothers & Co., Ltd.); James Meikle, Rooley Grange, The Orchard, Huyton, Liverpool, glass manufacturer; Dr. Harry Moore, Croft House, Huyton, Lancs., research physicist (appointed by Pilkington Brothers, Ltd.), directors. No R.O. given.

GREEFF-CHEMICAL HOLDINGS, LTD.—Interim dividend of 3½ per cent. declared.

Private Arrangement

H. L. Dew, wholesale chemists' sundriesman, etc., trading as "Dew & Co." 20 Portland Square, Bristol. The creditors met recently at Bristol, when a statement of affairs was submitted showing ranking liabilities of £996 2s. 6d., of which £963 13s. 9d. was due to the trade, and £32 8s. 9d. to cash creditors. In addition there was a fully secured creditor for £47 9s. 8d. After allowing £21 2s. for preferential claims, the net assets were £128 11s. 11d., or a deficiency of £867 10s. 7d. The principal assets were: Stock-in-trade, at cost, £35 8s. 6d.; and book debts £138 15s. 10d., put down at £71 13s. 11d. It was stated that the debtor commenced trading on his own account in December 1938, with a capital of £30. His capital was later augmented to £300, by means of a bank overdraft, which was guaranteed. Over the whole period of trading the sales had amounted to £3,483, with a gross profit of £159, or less than 5 per cent., and a net loss of £545. The drawings had aggregated £545. After fully discussing the position, the creditors decided that the debtor should be requested to execute a deed of assignment. A committee was also appointed.

Topical Reflections

By Xrayser

Limits to Government Helpfulness

Your editorial articles on pp. 395-96, and the news paragraphs on commodity insurance and on compensation for war damage (p. 386), suggest the underlying problem of the extent to which we need Government support in the war-time functioning of our activities. We normally conduct our affairs on the understanding that government is carried on with the consent of the governed. It should follow that emergency legislation is directed to the better and speedier prosecution of the war, and that the suspension of any of our rights as citizens neither involves nor foreshadows their abolition. A case in point is the possibility of official action limiting import licences to goods purchased at reasonable prices, thus preventing exploitation of scarcity by foreign shippers. It is obvious that without such action importers will be in a difficult position; and your proposal indicates the most effective course for obviating famine prices for goods of this description. When we turn to the conclusions formulated by the Weir conference on war damage to property, the position is less clear. All who carry on business are concerned in this matter, whether they own property or not. Some, and perhaps most, owners of property have already insured against damage of this kind with one of the societies catering for this class of risk: yet we are told that the conference has "failed to find or devise any scheme of a mutual-protection character that would be practicable or justifiable." Are we to understand that all such insurance schemes are unsound? And if so, is the only hope the rather nebulous one that the State will pay, after the termination of hostilities, compensation on the highest scale then "compatible with the general situation of the country"?

Cosmetology

The news that a Society of Cosmetology is to be formed should arouse world-wide attention. Cosmetology is an imposing name for—what? I should not like to dogmatise as to the exact scope of the new study. We read of the contribution to be made by various sciences to "the elaboration of the laws of the conservation of beauty"; and we are informed that "it is not a question

merely of curing unesthetic dermatoses, but of maintaining in the prime of its first youth the physiological beauty of healthy individuals." "Physiological beauty" is a term capable, no doubt, of more than one extension of meaning: whatever it may mean—and Faust might have helped us towards a definition—the new science is apparently to be built up by the combined efforts of curative medicine and "preventive hygiene." A few years ago a medical practitioner with a gift of plain speech was telling me that one of his panel patients asked him to prescribe a hair wash for her: his reply was to the effect that he was not a beauty specialist. Soon, I suppose, the beauty specialist will be superseded by the cosmetologist, and the lady of fashion will be able to divide her spare time between this functionary, the chiropodist and the trichologist.

The Ugly Club

The reading of this announcement on p. 388 sent me to "The Spectator," in certain numbers of which Steele made fun of human vanity in his creation of the Ugly Club—located, appropriately enough, in Oxford, the home of lost causes. In No. 17 of that immortal publication a letter gives an account of the formation of the club, and in No. 52 a proposal to admit a "Pictish damsel" to this exclusive society is discussed. The last-named issue contains a reference to "the famous cosmetic mentioned in the Postman, and invented by the renowned British Hippocrates of the pestle and mortar; making the party, after a due course, rosy, hale, and airy." I have not been able to identify this preparation: possibly one of your erudite readers can enlighten us. Defoe's "Review," however, had an advertisement in 1705 of "a most excellent Wash" named "Cosmeticon," priced at 3s. 6d. a bottle, and in 1706 another of "The Royal Chymical Cosmetick," sold at 2s. 6d. and 5s. An article in your Annual Special Issue of June 28, 1930, shows that on July 23, 1711, "The Spectator" itself accepted an advertisement of "The Famous Bavarian Red Liquor, Which gives such a delightful blushing Colour to the Cheeks." One wonders whether this type of beauty would now be regarded as physiological.

Pharmaceutical Society of Ireland

Council Meeting

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held on October 10, the president (Sir Thomas Robinson) in the chair. Other members of the Council present were Messrs. P. C. Cahill, F. J. Fitzpatrick, P. Brooke-Kelly, M. J. Kieran, B. P. Hickey, J. F. Costello, T. C. Scott, J. Duggan, J. A. O'Rourke, P. A. Brady, J. K. Whelan, J. V. McKeever, M. J. Parkes, J. Gleeson, and Miss F. M. Flood.

ELECTION OF PRESIDENT

THE PRESIDENT said he had the very pleasant duty of proposing that the vice-president (Mr. Cahill) be elected to the chair for the coming year. During the past year no one was more active or painstaking in their work for the Society than the vice-president. Mr. Cahill was a man of personal charm of whom the Council were particularly fond, and he (Sir Thomas) was sure they would all be glad to see him presiding over their meetings. It was only fitting that the Council should bestow on Mr. Cahill the greatest honour in their gift by making him president.

MR. CAHILL said that for the past twelve months he had looked forward to this honour, but now he regretted to inform them that he found himself in the position of being unable to accept it. He had given the matter a great deal of thought and had come to the conclusion that at present it would be grossly unfair for him in the interests of the Society to accept the presidency. He trusted therefore they would allow him to withdraw. There was a proposition, however, which he had at the back of his mind, and it was this—during the past twelve months the office of president was filled by the most distinguished man in Irish pharmacy. At his election last year, and again at the annual meeting (*C. & D.*, October 21, p. 390) high tributes had been paid to Sir Thomas for his wonderful services to pharmacy. Those who shared in the work of the Council with Sir Thomas during his year of office knew he thoroughly deserved the tributes paid to him. He was an excellent president, and was painstaking in every way. No man had the interests of pharmacy more at heart. Sir Thomas was deeply interested in the welfare of all their members. For this reason he suggested that they ask Sir Thomas to accept a second year of office.

MR. FITZPATRICK said he very thoroughly supported the proposition put forward by Mr. Cahill, and endorsed everything he had said about the president. He (Mr. Fitzpatrick) was aware that Mr. Cahill's difficulties were only temporary, and that in due time the honour due to him would come his way. It was a very gracious tribute on Mr. Cahill's part to ask Sir Thomas to accept a second year of office, and he would earnestly ask Sir Thomas to accept that gift of the Council.

MR. KIERAN said he had great pleasure in supporting the proposition, and cordially endorsing all that had been said of Sir Thomas by Mr. Cahill and Mr. Fitzpatrick.

MR. BRADY, also cordially supporting Mr. Cahill's proposal, said that from the ethical trade point of view Sir Thomas was "Irish Pharmacist Number One."

MR. J. A. O'ROURKE, paying tribute to the way in which the president discharged his duties during the past year, said fairness and impartiality were the outstanding characteristics of his presidency. He might say that he quite appreciated the position of the vice-president, who had rendered very great assistance to the president during the year. While in a way they would like to see him accept the honour of presidency, still taking everything into consideration he thought it would be pleasing to all the members of the Council that they should carry on as they had done during the past year.

MR. WHELAN said he supported the election of Sir Thomas as president last year, and it gave him double pleasure to support it this year.

THE PRESIDENT said he felt particularly indebted to the vice-president. It was due to him that he became president last year. Mr. Cahill was entitled to the presidency then, but out of pure good nature, affection, and esteem for him Mr. Cahill postponed his election to the chair. He felt he owed him a great debt in putting forward his (Sir Thomas's) name for a second year of office, but that could only happen where the vice-president was genuinely anxious that himself should not go forward. Mr. Cahill doubly earned the office of president by his conduct last

year, when he retired so that he (Sir Thomas) might occupy the chair without going through the vice-chair.

MR. CAHILL proposed that Sir Thomas be elected president for 1939-40.

MR. FITZPATRICK seconded, and the resolution was carried with acclamation.

THE PRESIDENT, returning thanks for his re-election, said he felt very proud that his conduct in the chair had been so satisfactory to them all that they should have elected him for a second period. At one time he thought it would be a hundred to one against his ever being in the chair because of all the years that had passed. When the honour did come it was a tremendous compliment, which was still more enhanced by re-electing him this year. During the past twelve months he had such extraordinary co-operation from the members of the Council, backed up by the officials, that the duties were extremely light, and he was not embarrassed in any way by anyone. The vice-president, the treasurer, and every councillor stood with him one hundred per cent., so that he had an easy passage, and the work melted away through the kindness of everyone concerned. He was aware that on only a few occasions in recent years a president had been elected a second time, so that this was quite a distinction which he appreciated. His family, too, would appreciate this honour, and the fact that he had won so much confidence amongst his associates in this business in which they were all immersed. (Applause.)

MR. CAHILL RE-ELECTED VICE-PRESIDENT

Proposing the re-election of Mr. Cahill as vice-president for the coming year, THE PRESIDENT said he did so with the greatest satisfaction. Next to seeing him in the chair he would like to feel that he had Mr. Cahill with him as vice-president in the coming year.

MR. FITZPATRICK, seconding the motion, said they all knew Mr. Cahill's worth and would be happy to see him co-operate with them for another year.

Mr. Cahill's re-election was carried unanimously.

MR. FITZPATRICK AGAIN TREASURER

MR. O'ROURKE: I have great pleasure in proposing the re-election of Mr. Fitzpatrick as treasurer. For five years now he has devoted himself with great care and earnestness to the difficult office of treasurer, and with great success.

MR. BROOKE-KELLY: I have much pleasure in seconding.

The motion was carried with enthusiasm.

MR. FITZPATRICK: Thank you Mr. President, Miss Flood, and gentlemen, I shall still try to keep working for you.

On the motion of MR. FITZPATRICK, Messrs. Davis, Griffin & Co. were re-elected auditors to the Society for the year 1939-40.

ELECTION OF COMMITTEES

The following committees were then elected: *Law*.—Messrs. J. A. O'Rourke, C. Cremin, J. Duggan, J. Gleeson, P. Brooke-Kelly, Dr. J. A. Mitchell, B. P. Hickey, T. C. Scott. *Schools*.—Messrs. D. W. P. Boyd, J. Duggan, Miss F. M. Flood, J. Gleeson, P. Brooke-Kelly, J. V. McKeever, J. A. O'Rourke, T. C. Scott, B. P. Hickey. *House*.—Messrs. D. W. P. Boyd, J. A. O'Rourke, J. Duggan, B. P. Hickey, P. Brooke-Kelly, Dr. J. A. Mitchell, J. V. McKeever, T. C. Scott. *Certificates and Declaration*.—Messrs. D. W. P. Boyd, J. V. McKeever, Dr. J. A. Mitchell, J. A. O'Rourke, T. C. Scott.

The president, vice-president, and treasurer are *ex-officio* members of all committees.

REGISTRATION MATTERS

Mrs. M. E. Cronin (*née* Galvin) and Mrs. M. O. Hendy (*née* McFarland) wrote submitting marriage certificates and requesting change of names in the Register. The applications were granted.

The following, who submitted matriculation certificates, were granted preliminary registration: Misses J. M. Clavin, E. J. McCaul, B. M. O'Reilly, B. M. Cassidy, E. M. Collins, M. Corrigan, M. J. Cotter, E. R. Donovan, N. M. Howard, A. M. Keating, N. T. Kennedy. Messrs. J. P. McDermott, B. R. Bailey, J. D. Fennessy, L. Geoghan, J. Hegarty, W. Kennedy,

B. O'Connor, E. T. O'Dea, P. O'Leary, J. D. O'Sullivan, and P. F. Twohig.

The following changes of address were notified: Mrs. M. E. Cronin, M.P.S.I., *née* Galvin, from The Square, Drumcollagher, co. Limerick, to Springmount, Ballinhassig, co. Cork; Mr. T. J. Gleeson, M.P.S.I., from William Street, Listowel, co. Kerry, to 52 Sundrive Road, Kimmage, Dublin; Mr. P. A. Ussher, M.P.S.I., from Sundrive Road, Kimmage, Dublin, to "Sonas," 26 Sundrive Road, Kimmage, Dublin; Mrs. M. O. Hendy, L.P.S.I., *née* McFarland, from 106 Patrick Street, Cork, to 31 The Rise, Mount Merrion Park, Dublin; Mr. W. Creaven, L.P.S.I., 4 Victoria Terrace, Loughrea, co. Galway, to Ennistymon, co. Clare; Mr. J. E. Devitt, L.P.S.I., from 89 Quay, Waterford, to 133 Parnell Street, Dublin; Mr. M. A. Duffy, L.P.S.I., from 43 North Main Street, Wexford, to 13 Tram Terrace, Sandymount, Dublin; Mr. P. S. Lalor, L.P.S.I., from 149 Lower Drumcondra Road, Dublin, to 19 North Earl Street, Dublin; Mr. A. W. Young, L.P.S.I., from Drumcliffe House, Sligo, to St. Joseph's Villa, Bundoran, co. Donegal.

The reports of the House, Law, and Certificates and Declarations Committees were submitted and approved. The report of the latter committee stated that thirty candidates had entered for the October Licence examination.

THE REGISTRAR reported on the deaths of J. P. Cashman, M.P.S.I., C. J. Farren, L.P.S.I., R. D., R. Linehan, L.P.S.I., G. B. Graham, L.P.S.I., and James Dickson, R.D.

THE REGISTRAR reported on the removal under Section 25 of Ellen Martyn, L.P.S.I.

Messrs. H. Grainger, F. Holly, and T. B. O'Sullivan, were elected members of the Society. Mr. J. T. Gleeson, 52 Sundrive Road, Kimmage, Dublin was nominated for membership of the Society.

The Licence certificates of the following were signed and sealed: Messrs. F. Farnan, K. Matthews, and J. O'Rourke.

CHEMISTS AND GAS DETECTION SERVICE

THE REGISTRAR brought the following letter, which he had received from Mr. M. J. O'Rourke, M.P.S.I., 69 Upper Georges Street, Dun Laoghaire, before the Council: "Dear Mr. Kerr, I have received the enclosed letter from the local A.R.P. authorities. Would you kindly bring it to the notice of the Pharmaceutical Society Council to secure its sanction for publication in the next issue of the trade Press, and also to seek the co-operation of proprietors and staffs in the area. Names of volunteers for this special service may be sent direct to A.R.P. Officer, Town Hall, Dun Laoghaire. Mr. M. Parkes is chairman, and myself secretary of the local Chemists' Association in the area, who have been consulted in this matter by the local authority." The letter referred to by Mr. O'Rourke was from Mr. M. J. Kane, air raid precautions officer, Dun Laoghaire. Mr. Kane wrote: "It is proposed to establish immediately in connexion with air raid precautions a gas detection service, and it has been suggested that the chemists and chemists' assistants resident in the borough area would be suited to act as personnel. The gas detection service volunteers will be trained in anti-gas measures, and the service required of volunteers will be explained in detail."

MR. PARKES: The idea is that chemists having had a training in chemistry would be most suitable for this work of gas detection.

The Council expressed its approval of the scheme and noted Mr. M. J. O'Rourke's letter.

Irish Drug Association

Mr. P. A. Brady (president) was in the chair at a committee meeting of the Irish Drug Association on October 16. The members of a deputation that interviewed the Prices Commission on October 9 (the President, Messrs. A. J. Donnell, P. F. McGrath, Brendan Smith) reported that the Government was concerned about supplies of essential commodities and possible rise in prices caused by the war. To prevent profiteering, and to enable the flow of business to continue normally, a Standstill Order had been made, affecting nearly every business. Chemists had been excluded from this Order, as it was felt that the Association would co-operate, without need of governmental orders. The deputation was informed that the Minister of Supplies was endeavouring to work temporarily on two principles: (a) That existing stocks which had been bought at August prices should be sold at the

pre-war retail prices even when market prices had risen; and (b) That total profit on any item increased in cost should not, when advanced, exceed the total pre-war profit, provided that the Prices Commission considered the latter reasonable. A discussion then took place with the Prices Commission on retail prices in general, and finally the deputation agreed to suspend temporarily the recently issued prices for liquid paraffin. The committee reviewed the position created by this interview, and the possible ultimate effect of the Prices Commission, with its wide powers, on the general working of the Association. It was the feeling that the principles aimed at by the Government in this emergency were drastic and harmful economically to chemists, and should be resisted vigorously, particularly if by "temporarily" was meant the duration of the war. The committee further felt that the present profit margin must be maintained on all goods. The Limerick Chemists' Association asked for a list of items which had increased in price, in order to discuss them at the next local meeting, with a view to adjusting them, if necessary, to local conditions. In this connexion members of the Association have been advised to adhere strictly to the directions of the committee. The current List prices only should be charged, and members, in their own interests, are advised not to sell above or below these. It was decided to write to the Minister for Supplies regarding the difficulty of procuring certain lines, as it is hoped Government intervention will enable members to receive adequate supplies of necessary goods at present short. Mr. Brendan Smith reported that hawkers of toilet preparations were calling on private residents in various districts in Dublin and, in order to effect sales, using without authority the names of chemists in the district. The article most commonly sold is tooth-paste. The matter has been reported to the police, and one member has issued in the Press a warning to the public against such misrepresentation; if any Dublin members are further troubled in this way the matter should be reported by telephone to the secretary without delay. Mr. R. Kidney, jun., reported on an interview he had just had with the Prices Commission, in which permission had been obtained to advance the prices of certain products. After a discussion on prices it was decided not to alter the existing prices for malt and oil, ammoniated tincture of quinine, castor oil, glycerin, etc., for the present. The committee requested any member whose mailing address, or style of address, was not correct, to communicate with the secretary—particularly any member who, in recent years, had purchased an established business, or was in business in a street in which house numbers had been altered. In order to assist the Eire Vocational Organisation Commission, the committee requested any member who was, or is, engaged in any of the following industries to communicate with the secretary as soon as possible, stating if he was still engaged in it and giving the number employed, etc.: Aerated or mineral waters; animal feeding-stuffs; brushes or brooms; chemicals, drugs, paints, oils and polishes; fertilisers.

Trade-Mark Applications

(From the "Trade Marks Journal," October 4, 1939)

SCHEDULE III

- "TESSA"; for perfumery, etc. (3). By J. Dunhill Manufacturing Co., Ltd., 17 Woodstock Street, London, W.1. 608,942.
- "THEORA"; for pharmaceutical and veterinary preparations (5). By The Wellcome Foundation, Ltd., 67 Holborn Viaduct, London, E.C.1. 608,112.
- "ZENITH"; for rheumatic pills (5). By F. T. Naylor, 140a Shaftesbury Avenue, London, W.C.2. 608,440.
- "PREGLACSAN"; for pharmaceutical preparations (5). By Greenosan, Ltd., Braiswick Farm, Mile End, Colchester, Essex. 608,630.
- "PILDORAS DE BEECHAM"; for pills (5). By Beechams Pills, Ltd., Westfield Street, St. Helens, Lancs. 608,689 (Associated).
- "BECADEX"; for pharmaceutical and veterinary preparations (5). By Glaxo Laboratories, Ltd., Greenford, Middlesex. 608,706.
- "GENITUMIN"; for medicinal preparations, etc. (5). By Genatosan, Ltd., 43 Regent Street, Loughborough, Leics. 608,735.

(From "The Trade Marks Journal," October 11, 1939)

SCHEDULE IV

- "NOMERSAN"; for agricultural and horticultural chemicals (1). By British Dyestuffs Corporation, Ltd., Imperial Chemical House, Millbank, London, S.W.1. 608,945 (Associated).
- "OSLID"; for toilet preparations for the feet (3). By Orthopaedic Shoemakers, Ltd., 90 George Street, London, W.1. 608,418.
- "SPORTING"; for perfumery, etc. (3). By the Erasmic Co., Ltd., Warrington, Lancs. B608,529 (Associated).

Pharmaceutical Society of Northern Ireland

Council Meeting

THE monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland was held at 73 University Street, Belfast, on October 20, Mr. Walter C. Tate (president) in the chair. There were also present: Mr. James Glendinning (vice-president), Professor E. B. C. Mayrs, Professor J. Small, Dr. S. E. A. Acheson, and Messrs. S. H. Forrest, S. Gibson, W. Martin, J. McDowell, J. F. Grimes, J. McGregor, C. Abernethy, J. W. Gray, J. T. Nicholl and J. Donaghy. Mr. D. L. Kirkpatrick (secretary) was in attendance.

At the outset the Council stood in silence as a mark of sympathy with the relatives of the late Mr. John Sayers. Proposing that a letter of condolence be sent to the family THE PRESIDENT said that for many years Mr. Sayers had been a familiar figure in their midst. His modesty and other admirable qualities had endeared him to every member of the Council, and his tragically sudden homecall had left them under a sense of heavy bereavement. At the annual meeting of the Society recently they had had the agreeable duty of sending a letter of congratulation to Mr. Sayers on the escape of his only son from the H.M.S. "Courageous" disaster, little knowing that at the next meeting of the Council it would be their melancholy duty to send a letter of sympathy to his son on the death of his beloved father.

WAR-TIME COUNCIL MEETINGS

The Council discussed at some length a suggestion to change the hour of the monthly meetings owing to the black-out restrictions.

MR. GLENDINNING suggested that for the duration of the war, or at least in the meantime, the Council should meet at 11.30 a.m. instead of 3 p.m., because this would be of great convenience to country members who had to travel considerable distances.

MR. FORREST said he had to come from Bangor, and he was in favour of sticking to the usual time of meeting, or even 2 p.m.

THE SECRETARY pointed out that if the Council continued to meet at the usual time they would have to black-out the building, and that would cost £100.

MR. DONAGHY said he thought all country members would be in favour of meeting in the morning.

At the suggestion of THE PRESIDENT, seconded by MR. GRAY, it was agreed to fix the monthly meeting for 11.15 a.m., with the Committee meeting at 11 o'clock.

THE SECRETARY reported that Miss Sarah W. Crawford, Bangor, had been appointed pharmacist in the District Hospital, Newtownards, and Miss Elizabeth G. Crawford pharmacist in the Sanatorium, Whiteabbey. He mentioned that the ladies were not related. He also reported the following successes at the Pharmaceutical Preliminary examination, Autumn, 1939—A. B. Angus, J. G. Collen, R. Foye, Sarah D. Johnston, Margaret H. Jones, Geo. W. McCarroll (all passed on P.P. standard); Samuel H. G. Love (passed English, French, history and geography, P.P. standard), and Corbet M. McBride (passed French, history, geography, P.P. standard).

MR. TATE RE-ELECTED PRESIDENT

THE PRESIDENT said he had now reached the end of his term of office. He had expressed himself fully in his presidential address at the annual meeting (*C. & D.*, October 14, p. 371) and would confine himself to acknowledging briefly the loyalty he had been given by every member around that table which had made his year so enjoyable. He had great pleasure in proposing as their new president Mr. Glendinning, of Londonderry, who had filled the office of vice-president so capably and acceptably to all. Mr. Glendinning needed no introduction either to that Council or the profession. He was widely known for his lovable and genial character, and his cheery presence at that Council was an invariable tonic. It would be painting the lily to say any more about him except that the Council and the Society would be extremely fortunate to have such a man at their head.

MR. GLENDINNING said he was deeply sensible of the compliment paid to him by the president because he knew it came from the heart, but as an amendment he wished to propose that Mr. Tate should retain the presidential chair for another term. No one appreciated more than he the honour of the presidency

of their Council, but in the present unsettled condition of affairs in the country and the general exigencies of the war he felt that it would be unwise to make a change. There was only one Walter Tate, and it would be impossible to find a man to discharge the responsible duties of president so capably and acceptably.

MR. NICHOLL, seconding the amendment, said they were living in very exceptional times, and while it would give him the greatest pleasure to endorse the president's proposal it gave him equal pleasure to second the re-election of the president. Mr. Glendinning deserved credit for his magnanimous gesture.

DR. ACHESON having put the amendment to the meeting, the president was unanimously re-elected.

Returning thanks, THE PRESIDENT said they had taken the wind out of his sails, and only their complete unanimity had persuaded him to accept the presidential chair for another year. He assured them that he would continue to do his best for the Society, and would endeavour to maintain the fine traditions of the presidency. With a continuance of their loyal co-operation he could not go far wrong.

THE PRESIDENT then proposed the re-election of Mr. Glendinning as vice-president.

MR. NICHOLL, seconding, said he had had the privilege last year of performing a similar duty, and nothing gave him greater pleasure. They all looked forward to seeing his bright and cheery face at their meetings, and they would look forward to seeing him next year in the presidential chair.

MR. GLENDINNING said that if he were spared till next year it would give him the greatest possible pleasure to accept the presidency if they thought fit to confer it upon him. The meetings of that Council had come to mean a very great deal to him, and it was a joy to come there every month and renew his fellowship with that kindly and considerate circle of colleagues.

MR. H. F. Moore was re-elected treasurer on the motion of MR. GRAY, seconded by MR. McDOWELL.

THE SECRETARY mentioned that Mr. Moore was unable to attend the meeting because of a cold, and it was decided to send him a letter of sympathy.

On the motion of MR. MCGREGOR, seconded by MR. ABERNETHY, the Education, Law, House, General Purposes and Finance Committees were re-elected.

Messrs. Robert Walsh & Co., Ltd., were reappointed auditors on the motion of MR. ABERNETHY, seconded by MR. DONAGHY. Messrs. Hamill, Davison & Wilson were reappointed solicitors to the Society.

On the motion of MR. ABERNETHY, seconded by MR. GIBSON, Mr. T. Harper was appointed temporary examiner in pharmacy. Mr. D. O. Pinkerton was appointed temporary examiner in pharmacognosy on the proposal of MR. NICHOLL, seconded by MR. GRAY.

At the suggestion of PROFESSOR SMALL it was decided that the temporary examiners should receive the same salary as the other examiners.

OTHER MATTERS

The following were elected members of the Society:—William James Collins, The Residence, Antrim; Edward James Stafford, 67 Lomond Avenue, Belfast; William Victor Emery, 15 Lucerne Parade, Belfast; William James Young, 80 Castlereagh Road, Belfast; Francis William Charles, Church Road, Ballynahinch.

THE PRESIDENT mentioned that at the annual meeting of the Society a member had suggested that in view of the danger of air raids it would be a good idea to introduce first-aid and anti-gas training courses into the Society's curriculum, and he had promised to bring the matter before the Council. First-aid, of course, was outside their province.

THE SECRETARY said that gas was treated in their chemistry course.

PROFESSOR SMALL also said that gases would come into any future chemistry examination.

It was decided that the secretary should take up the matter of gas training with the practical chemistry teacher at the technical college.

Trade Notes

BOB MARTIN, LTD., Southport, have published a booklet on "How to Care for Your Dog and Cat in War-time." This contains a great deal of practical information, and copies will be supplied to chemists on request.

FORHANS.—Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1, have been appointed, from November 1, the sole distributors of Forhans dentifrice and Forhans tooth-paste. Further details including the wholesale and retail prices are given in the company's advertisement in this issue.

JUBILEE SOUVENIR.—In connexion with their jubilee the Reliance Rubber Co., Ltd., Chelsea, London, S.W.10, have issued under the title "Plastic Gold" an interesting book on the story of rubber. The historical value and interesting reading in this publication should ensure for it a place on every chemist's bookshelf.

BRYLCREEM.—The County Perfumery Co., Ltd., North Circular Road, West Twyford, London, N.W.10, inform us that the sale of Brylcream during the month of September constituted a new record. The advertising appropriation in respect of Brylcream has been further augmented, so that retailers may expect the sales of this popular hair cream to be still further increased.

GLAXO LABORATORIES, LTD., Greenford, Middlesex, announce that from October 30 the sales office hours will be charged to 8.45 a.m. to 5.0 p.m. from Mondays to Fridays; closed on Saturdays. From that date orders cannot be dealt with on Saturdays, but an emergency staff will be available to deal with genuine emergency orders.

TRANSLUCENT SIGNS.—E. Pollard & Co., Ltd. (Dept. E), Highbury Grove, London, N.5, are making a special sign suitable for drawing attention to the position of a pharmacy during the black-out. These signs (15 in. by 10 in.) are constructed to the specification laid down by the British Standards Institution at the request of the A.R.P. department of the Home Office and are guaranteed not to transmit more than 10 per cent. of interior lighting.

LABEL CATALOGUE.—James Townsend & Sons, Little Queen Street, Exeter, have issued a new catalogue of the labels, cartons, envelopes and so forth that they have in stock. Pages 4 to 10 of this seventy-three page publication are illustrated by actual specimens of the labels, and they serve to show the several series which are kept in particular names and sizes. A copy of the catalogue will be supplied to any chemist who has not already received one.

FOILLE.—The Anglo-French Drug Co., Ltd. 11 & 12 Guilford Street, London, W.C.1, have sent us literature relating to a product called Foille which is described as a new type treatment for burns. An illustrated brochure gives comprehensive particulars of this preparation, including its composition, therapeutic action and a *résumé* of reports from hospitals in the United States. Foille is described as a water-in-oil emulsion with exceptional analgesic and antiseptic properties. It is stated that Foille applied to denuded areas reaches maximum effectiveness within five to thirty minutes. Following a burn, it is not necessary to remove the debris at the outset, but the dead tissue and foreign elements can be removed after twenty-four to forty-eight hours. The action of Foille over denuded areas is to form soft but moist encrustation in contrast to some of the accepted treatments now in vogue. The product is supplied in bottles of 4, 16 and 32 oz.

INFLUENZA VIRUS VACCINE.—Among the recent additions to the products issued by Parke, Davis & Co., Beak Street, London, W.1, is influenza virus vaccine. This consists of a formalinised suspension of several strains of the virus which have been isolated from cases of human influenza and shown by animal experiments to be the true virus of influenza. It is recommended that the virus vaccine should be used in conjunction with a bacterial vaccine such as anti-influenza vaccine (mixed) St. Mary's Hospital formula. It is advisable to commence inoculation in October. This ensures a high immunity until January, when further inoculations should be given. There is, however, no reason why treatment should not be commenced in November or December, or even later, and the second series given three months later. The preparation is supplied in packages containing two 1 c.c. ampoules of the influenza virus vaccine with one 0.5 c.c. dose and two 1 c.c. doses of anti-influenza vaccine (mixed). Single 1 c.c. ampoules of either vaccine are also available.

Births

Notices for insertion in this column must be properly authenticated.

BRUNTON.—On October 13, May (*née* May Middlemass, M.P.S.), the wife of J. G. Graham Brunton, M.P.S., 1 York Place, Perth, of a son.

HANNA.—Recently, the wife of Robert L. Hanna, M.P.S.I., Clonkeen Pharmacy, Dean's Grange, co. Dublin, of a daughter.

STEWART.—Recently, the wife of Thomas Stewart, M.P.S.I., 51 Upper William Street, Limerick, of a daughter.

WRIGHT.—At the Tremorvah Nursing Home, Redruth, on October 18, Nancy (*née* Ascott-Evans), the wife of Wyndham J. Wright, M.P.S., "Braeside," West Trewirgie Road, Redruth, of a daughter.

Marriages

FINLAY—IRELAND.—At Finaghy Parish Church, recently, Steward Finlay to May Ireland, Ph.C., Belfast.

KENT—NICOLSON.—At St. Matthew's Church, Skegness, on October 14, William John Gordon Kent, M.P.S., F.S.M.C., to Mary Nicolson, M.B., Ch.B., Grangemouth.

MARKHAM—BELLAMY.—At Thorne Parish Church, Lincs., on October 15, Edward William Markham, M.P.S., Market Rasen, to Vera Bellamy.

Deaths

BAKER.—At Coolhurst Road, Crouch End, London, N.8, recently, Mr. Sydney Herbert Baker, F.C.A., a director of Thomas Christy & Co., Ltd., Old Swan Lane, London, E.C.4.

BARFOOT.—Recently, Mr. John Richard Doughty Barfoot, M.P.S., 69 West Bars, Chesterfield. Mr. Barfoot, who passed the Minor examination of the Pharmaceutical Society in 1887, had been in business locally since 1894.

EVERETT.—At Halesworth, Suffolk, on October 12, Mr. Walter John Everett, M.P.S., aged seventy-five. Mr. Everett was president of the local cricket club and also held offices in the football club and the local branch of the British Legion.

FEATHERSTONE.—On October 12, Mrs. Elsie Featherstone, wife of Mr. Herbert H. Featherstone (a director of Hirst, Brooke & Hirst, Ltd., Leeds).

HOLFORD.—Recently, Mr. Samuel Skinner Holford, Ph.C., 86 Allerton Road, Liverpool, aged seventy. Mr. Holford passed the Major examination in 1891.

MERRITT.—On October 21, Mr. William Francis Merritt, director of Stafford Allen & Sons, Ltd., manufacturing chemists, London, N.1, aged fifty-nine. Mr. Merritt joined the board of directors in 1922 and also served as secretary of the company. He had travelled extensively in Europe and America and his practical business experience had been of great service in developing Messrs. Stafford Allen's interests at home and abroad. Mr. Merritt was largely responsible for the introduction and marketing of the pyrethrum insecticides in which the company specialises.

PURSE.—Recently, Mr. Alfred Dodds Purse, chemist and druggist, Salem Street, Sunderland, aged eighty-nine. Mr. Purse was a past-president of the Sunderland Pharmaceutical Association.

SAUNDERS.—Recently, Captain Geoffrey Henty Saunders, M.R.C.S., L.R.C.P., R.A.M.C. Captain Saunders, who was the son of Mr. Herbert Saunders, M.P.S., Coggeshall, was attached to the British Military Hospital, Bareilly, India. Prior to joining the R.A.M.C., he had studied at the Middlesex Hospital and was for a time in practice at Groombridge, near Tunbridge Wells. He leaves a widow and one daughter.

SAYERS.—At Belfast, on October 15, Mr. John Sayers, managing editor of the "Belfast Telegraph" and president of the Institute of Journalists, aged fifty-nine. Mr. Sayers has been the correspondent of THE CHEMIST AND DRUGGIST in Northern Ireland for many years and is well known among pharmacists. A tribute to his memory was paid at the Council Meeting of the Pharmaceutical Society (see p. 412).

October 28, 1939

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THE
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 VOL. CXXXI October 28, 1939 NO. 3116

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The Future of Pharmacy—II

The past fifty years have witnessed the growth of an element in retail trading which certainly was not contemplated by the authors of the Poisons and Pharmacy Act, 1868—that is the spread of pharmacies owned by a company whose headquarters and administration are situated in a town which may be very remote from the branch in question, the management of that branch being in the hands of a salaried manager. We know that there is a disposition on the part of the individual trader to resent this movement, but we must bear in mind that such a type of trader has spread to every branch of retail business, that their growth has been stimulated by popular demand, and that, as far as pharmacy is concerned, they have acquired a legal status, and must now be regarded as a permanent element of the pharmaceutical corpus. In making a survey of the state of pharmacy, therefore, care must be taken to state, as fairly and clearly as may be, the place company pharmacy occupies in our economic system. By some means or other the body pharmaceutic of the country must be made to realise its unity—for it is assailed from many sides—and such unity can be attained only by the understanding by each member of that body by all the remaining members. For that unity an essential element is mutual understanding between all sections of the craft.

The large chain stores have come to occupy their present position because they have met and fostered a public demand. They supply commodities of a uniform quality, in a uniform pack at prices which are uniform throughout the country. It is on the last point on which the company chemists gained the goodwill of their customers, for few things are more irritating to the shopping public than to be asked to pay different prices in different places for the same article. If a suspicion ever existed in the minds of the public that lower prices meant poorer quality that suspicion has, we think, been almost completely expelled as a result of a widespread and skilful advertising campaign, as well as by high commercial integrity. As a matter of fact, it can be conclusively shown that, if lower prices are exigible by the chain stores, it is as the result of an organisation by which large-scale buying, specialised manufacture, the elimination of middleman's profits, and cheap distribution

have lowered the wholesale prices of the commodities. In a word, the advantages to the public are those which may be expected to accrue from a highly "rationalised" industry. Success of that sort gathers momentum, and paves the way to further successes.

Nor can it be argued that the rise of company pharmacy has debased the standard of pharmaceutical practice. We are aware that there are "black sheep" amongst the flock of company chemists, as there are, unhappily, amongst the individual pharmacists, in the sense that dealings in non-pharmaceutical commodities have overshadowed a purely pharmaceutical practice. We do not, of course, use the expression "black sheep" to convey any sense of moral turpitude. There have been vast changes in the complexion of pharmaceutical trading and in the appearance of pharmacies. For those changes, company pharmacy, amongst many other factors, must be held responsible. In our opinion the competition of company chemists has compelled the individual pharmacist to improve the service which he offers the public, even though it may not be quite the kind of service which the chemist of fifty years ago was accustomed to render.

Whilst, therefore, the company chemists have certainly put up a strong element of competition against the individual pharmacist, at the same time they have set a standard of high and efficient pharmaceutical service and organisation which has made itself felt in all branches of pharmacy and, we believe, is appreciated by the public.

Export Trade Considerations

THIS week the Board of Trade has issued a memorandum on "The Importance of Export Trade," which stresses how essential it is in the national interest that exporters should maintain and increase their export trade to the greatest extent consistent with vital war needs. It is added that the Government is anxious to assist exporters in every possible way, as, for example, by facilitating supplies of raw materials and accelerating issue of export licences, where these are necessary. The subject is one of first importance to the chemical industry, for, given the co-operation of the authorities, the volume of our shipments might be appreciably increased during the period of the war. We are aware that a fairly extensive list of important products has been scheduled under the prohibition of exports to all destinations, but there remains a wide range of articles that may be shipped with and without licences to Empire countries, and with licences to foreign neutral countries. We refer particularly to pharmaceutical preparations of the "ethical" class, technical chemicals, toilet goods of all kinds, cosmetics and druggists' sundries, etc.

In the past, most foreign markets have drawn the major part of their supplies from Germany, and Empire countries have themselves been substantial buyers of such goods from the same source. British manufacturers and shippers will not now have to contend with this competition, which was often subsidised. The opportunity now occurs to capture much of this enemy business and to establish connexions that should be of great value when there is a return to normal times. This country has the ships and the freedom of the seas, and we believe that, in practically every foreign market open to them, British goods will be welcomed and preferred to those of German manufacture. According to the Board of Trade monthly trade returns, approximately 63 per cent. of exports of "chemicals, etc., " were, in normal

times, destined to Empire countries, the average monthly total value of these Empire purchases being about £1,300,000. After allowing for the goods that, for the time being, will be banned from shipment, there is plenty of scope to double and even treble this amount. Our manufacturers will shortly become less preoccupied with meeting war demands; their plant and equipment will be available for other purposes. In support of the Government's appeal to increase our exports, and emphasising their statement that the expansion of this trade is essential in the national interest, we venture to make an earnest appeal to Empire importers, distributors and retailers of all descriptions of chemical and medicinal products, toilet goods, cosmetics and druggists' sundries, to "Buy British." If they experience any difficulty in obtaining supplies, we shall be pleased, through our Inquiry Department, to put them in touch with manufacturers and shippers.

The Government, in its memorandum, has promised that the issue of export licences will be greatly accelerated, and that the number of "general" licences will be increased wherever practicable. At the moment it seems to us that the export licensing department is much more concerned with impeding exports than facilitating them. The list of goods prohibited to be exported (1937) is, in many instances, altogether too severe so far as the ban on shipment of chemical products is concerned. Take, for example, bismuth salts, which are designated A and therefore may not be shipped to any destination. We suggest to the authorities that there is no shortage of these products or of the metal; neither is there likely to be, even if the war is of prolonged duration. In the meantime, Germany is selling bismuth salts freely for export. We suggest that the

list of chemical products the export of which is either totally or partly banned needs to be examined by a body of men of practical experience, with a view to its being substantially modified. This might be done without risk of creating a shortage in this country. We are aware that licences are being granted, but the practice seems to be becoming general of granting a permit for one hundredweight against an application for two or three hundredweight. Often the destination of the goods referred to in these instances is a country adjacent to Germany but, excluding products directly concerned with armaments and explosives, it would be ridiculous to assume that the ultimate destination of these consignments is Germany; chemicals are the one class of goods of which there is no shortage in that country. It should be recognised that, if we refuse to allow the export of chemicals to Belgium, Holland, Italy and other countries adjacent to Germany, we are simply handing out business to that country. Another unsatisfactory feature of the slow working of the machinery set up to deal with the prohibition of exports is the postal-packet department. This is being operated "somewhere in England," and we have had examples put before us of shippers having already lost considerable business in pharmaceutical products because their applications for export permits have been unanswered, despite repeated reminders by letter and telegram. The applications we have in mind refer to products of which there is an abundant supply in this country. We realise that this section of the licensing department may not yet have settled down, and is probably inundated with applications, but critical and, we hope, constructive comment on the working of the control of exports may serve the purpose intended.

Analytical Processes of the B.P.

By T. L. Bowyer, F.I.C., M.P.S.

(Concluded from THE CHEMIST AND DRUGGIST, September 30, p. 344)

Nux Vomica.—After removal, by oxidation, of the brucine, strychnine is liberated from the acid solution by means of sodium hydroxide solution and then extracted with successive portions of chloroform. Each of the chloroformic extracts is washed with a 5-mil portion of the 20 per cent. sodium hydroxide solution (the object being to remove any remaining brucine oxidation products from the chloroform solutions) and finally each of these extractions is washed with a 20-mil portion of water. The removal of all traces of sodium hydroxide solution from the chloroform is a matter of great importance. The water used for washing will almost certainly contain some alkali after the several extractions have been passed through it, and although troublesome emulsions are not usually met with at this stage in the determination, it is easy to run off a little of this washing water along with the chloroform. Should this happen, an entirely erroneous result is obtained when the volumetric determination is subsequently performed. The washing with sodium hydroxide solution is neither necessary nor desirable. Should any by-products contaminate the chloroformic extractions when these are first separated, such impurities (being in sodium hydroxide solution) are quite easily removed simply by washing with water. Instead of one portion of water, however, it is best to wash with three or four portions, to make quite certain of removing all traces of free alkali. If the official procedure is adhered to and the washing with sodium hydroxide solution carried out, it is more than ever necessary finally to wash the chloroformic extracts with at least four portions of water. Another point of importance arises in connexion with the evaporation or distillation of the solvent. The official direction merely states "Remove

the chloroform" but if this is carried out without the necessary precaution it is probable that a portion of the strychnine will be lost on account of decrystallisation of the alkaloid towards the end. This is most marked if the chloroform solution be heated on a water-bath. When distillation is adopted, some of the alkaloid is found round the neck of the flask in an inconvenient position, and there is also the possibility of loss through the still-head to consider. This difficulty can be obviated if, before commencing the distillation, about 5 mils of alcohol are added to the chloroformic solution. Alternatively, the distillation may be interrupted when about two-thirds of the solvent has been removed, the alcohol added, and the distillation continued. The main point lies in the addition of the alcohol before the chloroform has been completely removed.

Opium.—Although numerous attempts have been made to improve the details in the official method of determination of opium, the present method remains the best that is available. Errors that arise during the process are probably self-compensating, and thus the technique of the Pharmacopœia yields results as accurate as it is possible to obtain. The use of a tall, stoppered glass cylinder having a graduation at 52 mils is preferable as a vessel in which to receive the filtrate after the treatment with calcium hydroxide and water. In this way it is much easier later on to separate the ethereal layer by decantation through a pipette. It is curious that the amount of standard N/10 sulphuric acid which is directed to be employed in dissolving the separated morphine is so small. Presumably the compilers of the monograph were thinking of an opium containing morphine to the extent of some 10 per cent. (near to the minimum B.P. limit).

As must be well known by those engaged in the assaying of opium, 20 mils of $N/10$ acid is a much too small amount. Even with 30 mils the back-titration with standard alkali may be small, and with a sample of the dried or partially dried drug, 30 mils of acid may be insufficient. This amount of acid corresponds with a sample containing a little more than 18 per cent. of morphine, and in the writer's experience it is not unusual to find undried soft shipping opium with a morphine content of 14–15 per cent., whilst the dried samples may yield as much as 22 per cent. or more. It would seem desirable that the amount of $N/10$ sulphuric acid used to dissolve the morphine crystals should be sufficient to include both the moist and the dried varieties, and for this reason the figure should be raised from 20 to 40 mils.

Potassium Bromide.—In the test for limit of chlorides it should be made clear that, after removal of the bromine, the hydrochloric acid present is to be determined by the modified Volhard method; 10 mils of standard decinormal silver nitrate solution is a suitable excess quantity. The mixture should then be boiled, filtered and the filter washed thoroughly before back-titrating with the decinormal thiocyanate solution. The use of an adsorption indicator, as recommended for ammonium chloride and sodium chloride, must be borne in mind in connexion with these determinations.

Reduced Iron.—The results obtained by the copper-sulphate method for the determination of metallic iron in this substance are variable and inaccurate. A survey of the matter by Hartley, Linnell, Read and Rolfe ("Quarterly Journal of Pharmacy and Pharmacology," Vol. VIII, No. 1, 1935, pp. 100–112) shows that the mercuric chloride method, as modified by these authors, yields results which are consistent and which accurately indicate the content of metallic iron in the substance. In view of these findings, and of the known unsatisfactory nature of the official process, it is desirable that this monograph should be altered.

Soaps.—In the tests for limit of alkali hydroxide and free fatty acid, the question of the neutrality or otherwise of the filter should be taken into account. Some grades of filter paper have an appreciable effect on the amount of standard solution required in the test, and it is advisable on this account to carry out a blank determination on the paper. Alternatively, a different type of filter (such as sintered glass) might be specified.

Sodium Benzoate.—It is convenient to carry out the first part of this titration in a separating funnel. With the indicator employed (bromophenol blue), it is easy to carry the titration too far, and most difficult to decide when the end-point has been reached. In place of the instruction to titrate "until the colour of the indicator begins to change" it has been found valuable to employ a buffer solution as a colour standard. The pH of the buffer, which lies on the acid side, may readily be determined by working on a sample of known purity.

Sodium Bromide.—See potassium bromide.

Sodium Chloride.—The use of fluoresceine as an adsorption indicator is similarly recommended in the determination of this salt.

Sodium Salicylate.—See sodium benzoate.

Solution of Ferric Chloride.—This is a gravimetric determination, working on 2 mils of the sample. Owing to the nature of the preparation it is extremely difficult to measure 2 mils accurately as directed in the official procedure. Drops of the preparation cling tenaciously to the walls of the pipette and on grounds of accuracy it is preferable to make a dilution of this liquor and to take an aliquot part of this. A suitable procedure is to take 10 mils, dilute to 100 mils, and take 20 or 25 mils of this dilution for assay. Alternatively, to avoid the necessity of measuring, a known weight might be employed.

DETERMINATION OF ALCOHOL CONTENT.—Some of the directions given in Appendix XII, F, of the Pharmacopoeia, for the determination of alcohol in galenical preparations, are unnecessarily complicated, and in some cases it is not possible to obtain an accurate result by the recommended procedure. The main cause of the difficulties that arise in this way is to be found in the apparent desire for standardisation of method. For example, it is not at all desirable invariably to work on 25 mils of the preparation. With many tinctures and extracts in which the alcohol content is high, this amount is quite suitable, but with the infusions, for example, with comparatively low alcohol content, 100 mils is to be preferred. With some preparations

50 mils is a more convenient quantity. The corresponding percentage of ethyl alcohol, at the known temperature of the distillate, may be read off directly from published tables, and allowance made for the original amount taken where this differs from 100 mils. This procedure makes the use of the official quadruple bulk table unnecessary, but the values given in the table for refractive indices can easily be checked up with the specific gravities by diluting the distillates accordingly. Where there is such variety in the nature and amounts of other constituents in the various galenicals, it is not possible to lay down standard procedures that will meet the needs of every case. Those preparations requiring special treatment should be dealt with individually, the method being modified in each case to suit the particular preparation.

Four methods are described in the Appendix and there are footnotes modifying the procedures in some cases. *Method 1.*—This is the straightforward procedure adopted when no other volatile matter is present, and when frothing, etc., is not likely to occur. If frothing or bumping does take place during the distillation, this may often be overcome artificially by the addition of some other non-volatile material or by reducing the rate of distillation. In this connexion pumice powder is employed in the official methods. *Method 2.*—Employed in those cases where volatile oils (chloroform, etc.) are present. These are separated by salting out and extracting with light petroleum. After washing the extracts, the aqueous solution remaining is distilled as in method 1. *Method 3.*—This procedure is adopted for preparations which, for various reasons, are troublesome to deal with. It consists firstly in distilling the preparation as in method 1 and then extracting with light petroleum and distilling again as in method 2. By this means it is almost impossible to obtain an accurate value for the alcohol content, a certain loss being unavoidable during the process. It is unnecessary, with many of the preparations to which this method has been assigned, to carry out this procedure. The alcohol content of most of them may be more accurately determined by a suitable modification of method 1 or, in some cases, of method 2. The modification necessary on account of bumping or frothing is largely a matter for the ingenuity and experience of the worker, and various devices have been adopted for this purpose. With liquid extract of liquorice, for example, double distillation is frequently employed, in order to obtain a clear distillate. Frequently, however, the difficulty is overcome by the addition of some non-interfering material, and in this connexion various substances have been suggested and often successfully employed. In general, a substance may usually be found that is peculiarly effective with one type of preparation; in many cases the pH of the mixture is probably an important factor. *Method 4.*—This method, practically identical with method 2, is employed with one preparation only (compound camphor liniment). The substitution of diluted sulphuric acid for brine solution could readily be indicated without including this modification as a separate method. In general then, two principal methods are required: methods 1 and 2. For preparations requiring additional treatment, the modified method should be indicated under the name of the individual preparation (on the lines of the direction to acidify infusion of senega).

TEST FOR LIMIT OF ALKALINITY OF GLASS (Appendix XVI, C,—Test of the Apparatus).—A direction should be inserted in connexion with the instruction to boil the test solution. If the solution is boiled in a beaker or flask before transference to the flask of resistant glass, the first vessel itself must yield nothing to the solution, i.e. it must itself be of neutral resistant glass.

Individually the two flasks (and the condenser) may pass the test but collectively a slight change of colour may take place at the end of the test. The question as to how this test solution is to be boiled should be cleared up.

Solution of Hydrogen Peroxide (IDENTITY TEST).—The test with potassium dichromate, dilute sulphuric acid and ether, whereby the ethereal layer becomes coloured deep blue, depends on the formation of an unstable perchromic acid. In carrying out the test as laid down in the monograph, only a transient colour, or none at all, is obtained in the ether layer. If, however, the ether is not the last of the reagents to be added, i.e. it is already present in the mixture when the per-acid is liberated, the test works most satisfactorily.

The wording of the monograph should be suitably altered to ensure that the ether is added at an earlier stage, and one of the other reagents, for example the dilute sulphuric acid, added last.

Strong Solution of Lead Subacetate.—See lead subacetate.

A.B.C.M. Annual Meeting

THE twenty-third annual meeting of the Association of British Chemical Manufacturers was held in London on October 12. The chairman (Mr. E. V. Evans) presided and was supported by members of the executive council and a representative gathering of members. In the course of his speech Mr. Evans said: "During the past year the Association has done a large amount of work on behalf of and in conjunction with the Government in preparing and planning for the war which is now with us; this help has been cordially acknowledged. Our task now as an industry is to render the maximum assistance to the country in the prosecution of the war till victory is achieved. We have two further responsibilities. The first to ensure efficient and adequate production of every chemical essential to the life of the nation. Our industry is fortunately in a far stronger position than it was in 1914, but adjustments are still necessary to meet the changed conditions. Steps have been taken to deal with deficiencies in the medicinal field, and I am told that, provided adequate supplies of important raw materials can be assured, the nation and the Empire will not go short of any essential medicament. Our second responsibility is to maintain and, if possible, to develop our export trade. The opportunity exists to establish ourselves in several countries previously supplied by Germany, and in doing this we help not only ourselves but also the country, by providing foreign currency to pay for essential raw materials and foodstuffs. The present export difficulties are appreciated, but most of them will, we hope, disappear when the Export Licensing Department is adequately established. I feel confident that, by the exercise of that spirit of wholehearted co-operation which has characterised it in the past, the industry will find ways and means of meeting every call that is made on it.

Annual Report

The following extracts are taken from the annual report for the year ended May 31, 1939:—

After the crisis in September 1938, the Council gave serious consideration to problems likely to arise in the event of an emergency. The chemical industry being the most basic of all industries, in that its products in some form or other are essential for every industrial activity, it was obvious that if the industry was to be in a position to meet the demands of a war, definite plans would have to be made in peace to deal with such questions as supplies of raw materials, manufacture of essential chemicals not normally made here, supplies of special plant, and the correlation of normal and special production. The Council decided to put the resources of the Association at the disposal of the Government Departments concerned with matters of industrial planning. An approach was made to the Director of Industrial Planning at the War Office, and agreement was reached as to the lines along which the Association could supplement the work of his Department in obtaining necessary data regarding the chemical industry.

INDUSTRY ON A WAR BASIS

Action was thereupon taken in the directions agreed, and a substantial mass of information has been supplied to the Director of Industrial Planning. In parallel with this, the Association approached the Medical Research Council to obtain its views as to which imported medicinal products not manufactured here were essential to the nation in the event of an emergency. A list of such products was obtained and a great deal of work has been done to improve the position. The primary object was to arrange that all vital products should be made here in peace, or, where this could not be done for any special reason, to ensure that there would be no delay in starting production when the emergency came. Members of the fine chemical group have co-operated magnificently in this matter. Just after the Association had approached the Medical Research Council, the Ministry of Health asked for assistance in connexion with national requirements of essential medicinal products in an emergency. The Association undertook, in co-operation with the Wholesale Drug Trade Association, to collect and collate the information required and, in doing this, approached all makers of the products in question, whether members of the Association or not. The response was most gratifying, and the Association was able in a few weeks to present a complete picture of the position to the Ministry of Health. The Ministry

has expressed its keen appreciation of this help; the returns have been examined and the few problems which require solution before the supply situation is assured are now being actively investigated by the Association and the Ministry. At the request of the Ministry of Agriculture, data have been collected to show the requirements of raw materials for the manufacture of insecticides. Similar returns have been prepared in respect of sheep dips, disinfectants and animal medicines. The Association is represented by its general manager on the Industrial Chemistry Committee of the Ministry of Labour, and has helped this Committee in its work of compiling a National Register of Chemists and Chemical Engineers.

FINE CHEMICAL INDUSTRY

The fine chemical group and its medicinal chemicals sub-group have had to deal with numerous problems affecting their section of the industry. Reference has already been made to the investigations in regard to supplies of medicinal products in an emergency; this problem has indicated the need, in the national interest, for intensive propaganda among hospitals and medical men on behalf of British products. The Ministry of Health is alive to this. The group is now busy with the final editing of a memorandum covering British equivalents and alternatives (and their makers) of foreign medicinal products. The British Medical Association's proposed issue of a list of approved non-official remedies has been abandoned for financial reasons. The group has reviewed the list of products subject to Key Industry Duty in the light of observations submitted by the Board of Trade, and has made constructive suggestions. It has also drawn up a list of new fine chemicals that it will recommend for addition to the official lists. Recommendations of the group in connexion with control of drugs and medicines imported into India have been accepted, and a new Bill is being introduced on the lines indicated in the last annual report.

IMPORT DUTIES ACT, 1932

The problems arising under the Import Duties Act have gradually become fewer, and at present there are only two or three applications for additional duties outstanding. The case of mercuric chloride, previously subject to a Key Industry Duty of 33½ per cent., has been brought to a satisfactory conclusion. This is the first case in which a Key Industry Duty has been varied in accordance with the powers granted when these duties were extended in 1936. Last year it was reported that the Association had failed to secure an additional duty on sodium and potassium ferrocyanides. Since then, the position has worsened, especially as regards the potassium compound. The break-up of the continental convention laid this market open to "dumping" at completely uneconomic prices, and application for an additional duty was renewed. Though the Import Duties Advisory Committee very promptly protected the British production of potassium ferrocyanide by a duty of 2d. per lb., large quantities of the foreign material reached these shores before the new duty became operative. The application for an additional duty in respect of potassium permanganate was allowed to lapse, because the advertisement of the case enabled other arrangements to be made to safeguard British production.

DEATHS

The Council has had to mourn the loss during the year of three distinguished men who have played a leading part in the work of the Association and in the development of the industry: Dr. Charles Carpenter (first chairman of the Association), Sir Robert Mond and Mr. David Lloyd Howard (honorary vice-presidents).

Election of Officers

The following officers were appointed in the election of officers for the year:—President, Mr. E. Wallace; Chairman, Mr. R. Duncalf; Vice-Chairman, Mr. C. F. Merriam; Treasurer, Dr. P. C. C. Isherwood; Council: Messrs. F. W. Bain, H. Ballantyne, and G. E. Howard; Major T. Knowles, Messrs. W. F. Lutyens, L. P. O'Brien, Donald J. W. Orr, A. E. Peak, F. M. Roberts, Kenneth H. Wilson, W. J. U. Woolcock and C. E. Carey; Dr. A. E. Everest and Lord Trent.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values. Notices of changed prices should continue to be sent to 28 Essex Street, London, W.C.2, until further notice

28 Essex Street, W.C.2, October 25

THE demand for a number of the leading products of the markets continues on a good scale, but the aggregate of business is reported to have been much less during the last part of week than recently, though the general tone is firm. The Prices of Goods legislation comes into operation shortly, and a number of "permitted prices" orders are to be expected in due course; these will, of course, apply chiefly to manufactured products. A fair export business continues, but, in some respects, the delay in obtaining the necessary licences is interfering with the import side of the general trade. This subject is referred to editorially on page 415. In the PHARMACEUTICAL CHEMICALS markets, conditions are now steady, the only change of importance to record being a further increase in makers' prices of BROMIDES, due to higher cost of raw material. An official wireless announcement that the Japanese yen is now to be linked with the American dollar (previously it was linked with sterling) is likely to have the effect on further increasing the cost of Japanese products. In connexion with the control of MERCURIALS, it should be noted that no licence is required to purchase less than 7 lb., and that prices for such small quantities are not controlled.

Crude Drugs

A fair volume of trade is reported, but it is evident the initial rush of business has been transacted, and most orders are for routine re-stocking. Export inquiry from the Baltic countries is still quite good. A noticeable feature is the return of confidence in sterling; the insistence on the American dollar and the Dutch florin as the currency for shipment business is much less than formerly. Shipment quotations to hand during the past week continue to be at high values, but show a decided fall in the rate of weekly increase. Most importers are still hesitating to replenish their stocks at these figures, believing that exporters will in due course quote at more reasonable rates. AGAR has sold quite well at full prices on spot: Japanese shippers are asking far too high a price for further supplies. Curaçao ALOES is firm on short spot supply and quoted at high values. BENZOIN has sold well with the best grades in short supply. HYDRASTIS is quoted at a further advance.

Essential Oils

Quieter markets are recorded in these products; and consumers are not so freely paying the higher prices reached after the recent increases. Spot values, however, in almost every instance, are below the cost of replacement of stocks if the current shipment quotations are taken seriously. Foreign shippers certainly seem to have the opinion that these oils are essential war materials and are quoting accordingly; further, they mostly insist on business on the "cash and carry" basis. Importers appear to be unable to obtain definite shipment quotations and the same position is reported in Sicilian LEMON. Australian EUCALYPTUS is firm on spot; the forward position is fully maintained at recent increases. An indication of prices for new crop LAVENDER has been received. LEMONGRASS is dearer. With supplies of best quality oil short the value of MANDARIN has advanced. NUTMEG is quoted dearer. Some quotations for new-crop French Guinea ORANGE reported but these have since been withdrawn following some business being done. Singapore PATCHOULI is firm and dearer on spot. PETITGRAIN is running low on spot and tending dearer; no workable shipment offers. The spot value of WORMSEED is rather dearer.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Wednesday morning:—

Centre	Quoted	Par	October 18	October 25
Amsterdam ..	Frs. to £	12·107	7·53*	7·53*
Berlin ..	Mks. to £	20·43	—	—
Brussels ..	Belgas to £	nominal	23·96*	23·90*
Copenhagen ..	Kr. to £	18·159	20·75	20·75
Lisbon ..	Esc. to £	110	110	110
Madrid ..	Ptas to £	25·24½	39½	39½
Milan ..	Lire to £	92·46	78½	79
Montreal ..	Dols. to £	4·86½	4·45*	4·45*
New York ..	Dols. to £	nominal	4·03*	4·03*
Oslo ..	Kr. to £	18·159	17·60*	17·60*
Paris ..	Fr. to £	124·21	176½*	176½*
Prague ..	Kr. to £	164·25	—	—
Stockholm ..	Kr. to £	18·150	16·80*	16·80
Warsaw ..	Zloty to £	43·38	—	—
Zurich ..	Frs. to £	22·2115	17·80*	17·80*

* Rate fixed by Bank of England.

Bank rate, 3 per cent.

Pharmaceutical Chemicals, etc.

A MUCH more settled tone recorded in this market is now reported. Business has been generally quieter but is still fairly comprehensive. The only advance of importance to record is in makers' prices for bromides.

ACETANILIDE.—Dealers' quotations for small quantities of B.P., leviss., are maintained at 2s. 3d. per lb.

AMIDOPRYRE.—Dealers' prices steady, small business. Two cwt., 10s. 10d.; one cwt., 11s. 1d.; less than one cwt., 12s. per lb., with powder 2½d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—Imported material is quoted at the following figures: One cwt. lots, in 1-lb. tins, 3s. 9d.; in 14-lb. tins, 3s. per lb., ex store.

ATROPINE SULPHATE.—Makers are quoting at from about 11s. 3d. to 12s. 6d. per oz., as to quantity.

BISMUTH SALTS.—Makers report their sales prices for these salts are nominally unchanged. The metal has been increased since the last adjustments in prices of salts.

BORAX (B.P.).—Makers' prices are steady: Crystals, £27; powder, £27 10s.; extra fine powder, £28 10s. per ton, net, in 1-cwt. bags, carriage paid in Great Britain in 1-ton minimum lots.

BORIC ACID (B.P.).—Makers' prices continue unchanged and steady: Crystals, £41; powder, £42; extra fine powder, £44 per ton, net, in 1-cwt. bags, carriage paid in Great Britain in 1-ton minimum lots.

BROMIDES.—Makers' scales of prices for these products have been advanced fourpence per lb., as from October 20. The new scales are as follows:—POTASSIUM (B.P.), not less than 5 cwt., 2s. 2d.; 1 cwt., 2s. 3d.; 28 lb., 2s. 9d. per lb. SODIUM, B.P., not less than 5 cwt., 2s. 4d.; 1 cwt., 2s. 5d.; 28 lb., 3s. per lb. AMMONIUM, B.P.C., not less than 5 cwt., 2s. 5d.; 1 cwt., 2s. 6d.; 28 lb., 3s. 1d. per lb. Net. Rise-and-fall and re-sale clauses apply. Without engagement. Special prices for larger quantities. 28-lb. parcels and 1-cwt. cases or kegs free.

Makers' scales of re-sale prices for small quantities have also been advanced from October 20 as follows:—

	In containers of						
	POTASSIUM, B.P.	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
1 lb. and under 4 lb.	3 4½	3 3	—	—	—
4 lb. and under 7 lb.	3 3½	3 2	3 1½	—	—
7 lb. and under 14 lb.	3 2½	3 1	3 0½	3 0½	—
14 lb. and under 28 lb.	3 1½	3 0	2 11½	2 11½	2 11
28 lb. and under 1 cwt.	3 0½	2 11	2 10½	2 10	2 9½

Sodium, B.P., 2½d. per lb., and ammonium, B.P., 3½d. per lb., above corresponding prices for potassium bromide, B.P., as given in table above.

It is laid down as a condition of sale that buyers of bulk quantities undertake not to re-sell any of the above-mentioned products at prices below this scale or on terms other than those imposed in whole-sale transactions. All quotations are net.

CAFFEINE.—Dutch material quoted as follows: Pure, 2 cwt., 2 dollars 15 cents; 1 cwt., 2 dollars 20 cents; 56 lb., 2 dollars 25 cents; less than 56 lb., 2 dollars 30 cents. Soda sal.: 2 cwt., 1 dollar 50 cents; 1 cwt., 1 dollar 52 cents; 56 lb., 1 dollar 54 cents; less than 56 lb., 1 dollar 56 cents, f.o.b. Amsterdam, in bulk packages only.

CALCIUM GLYCEROPHOSPHATE.—Makers' prices for cwt. lots down to small parcels range from 5s. 3d. per lb., upwards, delivered. Foreign material at higher figures.

CITRIC ACID (B.P. CRYSTALS).—Makers state their price is nominal at 1s. 1½d. per lb., less 5 per cent. Dealers quote from 1s. 3d. to 1s. 4½d. per lb., less 5 per cent., ex store, as to quantity.

CREAM OF TARTAR (B.P.).—Makers state their prices are nominal at 102s. per cwt., less 2½ per cent. Dealers quote 99 to 100 per cent. material at from 102s. 6d. to 107s. 6d. per cwt., less 2½ per cent., ex store.

EPHEDRINE.—Makers are leading the market and keeping their prices for HYDROCHLORIDE, B.P., down to about 15s. per oz. for contracts, and for limited quantities, ex stock, about 17s. to 18s. per oz. Imported material and second-hand sellers at higher prices.

HEXAMINE.—Dealers' prices for free-running crystals range from 1s. 9d. to 2s. per lb., ex store.

IODIDES.—Makers' prices show no further revision. The scale is as follows: POTASSIUM, B.P. Not less than 1 cwt., 7s. 9d.; 28 lb., 8s. 3d.; 14 lb., 8s. 9d.; 7 lb., 9s. 10d.; 4 lb., 10s. 4½d.; smaller quantities

10s. 10d. per lb. SODIUM, B.P.—Not less than 28 lb., 8s 6d.; 14 lb., 9s.; 7 lb., 10s. 4d.; 11s.; smaller quantities 11s. 10d. per lb. IODINE, B.P. RESUB.—Not less than 1 cwt., 8s. 10d.; 28 lb., 9s. 4d.; 14 lb., 9s. 10d.; 7 lb., 11s. 2d.; 4 lb., 11s. 10d.; smaller quantities, 12s. 7d. per lb. IODOFORM, B.P. (ERYST., PRECIP. OR POWDER)—Not less than 28 lb., 11s.; 14 lb., 11s. 6d.; 7 lb., 13s. 4d.; 4 lb., 14s. 2d.; smaller quantities, 15s. 0d. per lb. Contracts for 1 cwt. and upwards (assorted if required) for delivery as required during four months, with the following clause: Price applicable to any delivery will be that in force on date of dispatch. 1 cwt. cases and/or kegs free. 28-lb. tins 2s. each and non-returnable. All bottles charged but credited in full if received back carriage-paid in good condition within three months. Carriage paid on any quantity. Assorted quantities charged at collective total prices on orders for 14-lb. and upwards. It is a condition of sale that buyers undertake not to resell any quantity at prices or terms below scale for any such quantity current at time re-sale is made.

MERCURY IODIDES.—Makers' prices, which are not controlled, are as follows: Red, less than 7 lb., 13s. 7d.; not less than 7 lb., 13s. 3d.; not less than 14 lb., 12s. 9d. per lb. Green, less than 7 lb., 14s. 10d.; not less than 7 lb., 14s. 6d.; not less than 14 lb., 14s. per lb. Yellow, less than 7 lb., 16s. 1d.; not less than 7 lb., 15s. 9d.; not less than 14 lb., 15s. 3d. per lb., net, carriage paid.

PHENOLPHTHALEIN.—The scale of sales prices is as follows: one cwt., 3s. 4d.; 28 lb., 3s. 5d.; 14 lb., 3s. 6d.; 7 lb., 3s. 7d.; smaller parcels up to 4s. per lb.

PHENYLETHYLBARBITURIC ACID (B.P.).—Quotations continue to vary according to source, with the values ranging from 17s. 6d. to 18s. 6d. for quantities in bottles, and second-hand prices up to 22s. 6d. per lb.

PHOTOGRAPHIC CHEMICALS.—Makers' report their prices for these products are maintained at recent figures, as follows:—AMIDOL.—1 cwt. 8s. 6d.; 56 lb., 8s. 9d.; 28 lb., 9s. per lb. net; 14 lb., 9s. 9d.; 7 lb., 10s. 6d.; less than 3 lb., 12s. 6d. per lb., 2½ per cent. monthly account. Bulk parcels and tins free. 1-lb. bottles 6d. extra. CHLOROQUINOL.—1-lb. bottles, 21s. per lb. GLYCIN.—7 lb., 10s. 6d.; 1-lb. bottles, 13s. 6d. per lb. HYDROQUINONE.—Makers' prices show a further advance as from October 2: 1 cwt., 5s. 10d.; 56 lb., 6s. 1d.; 28 lb., 6s. 4d. per lb., net. 14 lb., 6s. 9d.; 7 lb., 7s.; less than 3 lb., 7s. 6d. per lb., less 2½ per cent. monthly account. Trade prices in bottles: 1-lb. bottles, 8s. each; 8-oz. bottles, 4s. 3d. each; 4-oz. bottles, 2s. 6d. each; 1-oz. bottles, 1s. each, with retail selling price 50 per cent. additional. ALUM (PHOTOGRAPHIC QUALITY).—1 cwt., 21s. per cwt.; 28 lb. for 6s. GOLD CHLORIDE.—15-grain tubes, 45s. per doz. MAGNESIUM POWDER.—10s. per lb. PARAMIDOPHENOL HYDROCHLOR.—8s. 6d. per lb., bottles free. POTASSIUM FERRICYANIDE.—14 lb., 2s. 2d.; 7 lb., 2s. 4d.; 1 lb., 2s. 6d. per lb. POTASSIUM METABISULPHITE.—One ewt., 8d.; 28 lb., 9d.; 14 lb., 10d.; 7 lb., 1s. per lb. PYROGALLIC ACID, ERYST.—Makers' prices advanced as follows: 1 cwt. and over, 9s.; 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 10s. 6d.; 7 lb., 11s.; less than 7 lb., 11s. 6d. per lb. Bulk tins free. 1-lb. tins, 4d. extra and 1-lb. bottles, 6d. extra. PYROGALLIC ACID, RESUB.—Makers' prices advanced as follows: 1 lb., 15s.; 8 oz., 8s. 3d.: 4 oz., 4s. 9d. each; 1 oz., 22s. per doz. oz. SODIUM CARBONATE, RECRYST.—5 cwt., 12s. 6d. per cwt.; 1 cwt., 15s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. SODIUM HYPOSULPHITE, CUBES, ERYST.—5 cwt., 17s.; 1 cwt., 19s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. SODIUM SULPHIDE (PURE).—7 lb., 1s. 9d.; 1 lb., 2s. per lb., bottles and jars free. SODIUM SULPHITE, RECRYST.—One cwt., 21s. 6d. per cwt.; 56 lb. for 13s. 6d.; 28 lb. for 7s. METOL.—Makers' prices advanced as follows: 1 cwt., 10s.; 56 lb., 10s. 3d.; 28 lb., 10s. 6d. per lb. net; 14 lb., 11s.; 7 lb., 11s. 9d.; 3 lb., 12s. 6d.; less than 3 lb., 13s. per lb., less 2½ per cent. monthly account. Bulk parcels and tins free. 1-lb. bottles 6d. extra.

POTASSIUM PERMANGANATE.—Makers' prices continue at the advances recorded last week: B.P. quality in one delivery: 1 cwt., 1s. 1½d.; 3 cwt., 1s. 1d.; 5 cwt., 1s. 0½d.; 1 ton, 1s. 0½d.; in 1 cwt. drums. 5 cwt., 1s. 0½d.; 1 ton, 1s. 0½d. per lb.; in 5 cwt. drums. Technical quality: 1 cwt., 12s. 3d.; 3 cwt., 11s. 9d.; 5 cwt., 11s. 3d.; 1 ton, 11s. 9d. per cwt. in 1-cwt. drums. 5 cwt., 11s. 9d.; 1 ton, 11s. 3d. per cwt. in 5-cwt. drums. Net, delivered nearest railway station in Great Britain, drums free.

QUININE SALTS.—The only indication of values available is a Dutch quotation for florins 97·80 per 100 oz. for sulphate, f.o.b. Amsterdam with other salts in proportion.

SACCHARIN.—The controlled price is now fixed at 96s. 10d. per lb., with the duty of 8s. 4d. per lb. paid.

SALICYLIC ACID (B.P.).—Makers' prices continue at the advance recently recorded, as follows: Five cwt., 1s. 8d.; one cwt., 1s. 8½d.; 28 lb., 1s. 1d.; 14 lb., 2s.; 7 lb., 2s. 1½d.; 4 lb., 2s. 3½d. per lb. Kegs and cases now charged extra but returnable.

SANTONIN.—The limited supply of material in second-hands is held for about £30 to £35 per kilo, ex store, duty paid.

SODIUM SALICYLATE.—Makers' prices continue at the advance recently recorded, as follows: Home trade, crystals or powder, five cwt., 1s. 8½d.; one cwt., 1s. 9d.; 28 lb., 2s.; 14 lb., 2s. 1½d. 7 lb., 2s. 2½d.; 1 lb., 2s. 7d. per lb. Kegs and cases now charged extra but returnable.

STRYCHNINE SALTS.—Makers' prices are as follows:—

	Under 100 oz	100–500 oz	over 500 oz
	s. d.	s. d.	s. d.
Pure crystals or precip.	1 11	1 9½	1 9
Acetate	2 1	1 11½	1 11
Arsenate	2 0	1 10½	1 10
Arsenite	2 1	1 11½	1 11
Bisulphite	1 6	1 4½	1 4
Hydrochloride	1 9	1 7½	1 7
Hypophosphite	3 8	3 6½	3 6
Nitrate, crystals and powder	1 9	1 7½	1 7
Nitrate, powder, No. 2	1 5	1 3½	1 3
Phosphate	2 4	2 2½	2 2
Sulphate, neutral crystals or powder	1 7	1 5½	1 5
Sulphate, neutral powder, No. 2	1 3	1 1½	1 1

Terms net 30 days, 25-oz. tins free. Smaller packages charged extra, 1-oz. bottles 2d. extra. Delivered home market or f.o.b. export, war risks insurance for buyer's account. For export: Discount 1 per cent. cash in 10 days. Cases free. Buyers held covered against price reduction for 10 days after arrival of steamer at port of destination. No contracts.

SULPHONAL.—Dealers' prices continue to vary and are in the region of 28s. to 30s. per lb., ex store.

TANNIC ACID.—B.P., leviss. The limited quantities available are firmly held: holders of imported material are asking at least 6s. per lb., for limited quantities.

TARTARIC ACID (B.P. CRYSTALS).—Makers report their price is nominal at 1s. 2½d. per lb., less 5 per cent.

VANILLIN.—Makers' prices firm, as follows: Ex clove oil or guaiacol, five cwt., 13s.; one cwt., 13s. 1½d.; 56 lb., 13s. 3d.; less, 13s. 6d. per lb.

VERMILION.—Controlled prices for licensed sellers and purchasers are as follows: Less than one cwt., 7s. 2d.; one cwt. and less than five cwt., 7s. 1d.; five cwt. and less than ten cwt., 7s.; ten cwt. and less than one ton, 6s. 11d. per lb. Packages free; carriage paid; net cash thirty days.

Crude Drugs, etc.

PRICE increases have not been so marked this week as recently, but the general tone continues firm, with the average level of spot supplies below normal. Shipment quotations continue at high figures and are attracting but little business.

AGAR.—A steady trade continues in this article and spot stocks are running low, but fresh arrivals are due shortly. Spot, Kobe No. 1, 7s. 9d. to 8s.; No. 2, 7s. 6d. to 7s. 9d.; Yokohama No. 1, about 7s. 4½d. per lb., ex store. Japanese shippers have cabled offering "the last ten bales" of old crop at 7s. per lb., c.i.f., November shipment, but this price is not attracting business. They also offer new crop, January–February shipment, at 6s. per lb., c.i.f., for Kobe No. 1, and these offers are proving of no interest on this market.

ALOES.—Curaçao continues to sell in the limited quantities put on the market, and is firm at 250 to 280s. per ewt., ex store. No shipment offers and no replies to inquiries for offers. Cape, spot, in the region of 50s. to 55s. per ewt.

BALSAMS.—Supplies limited, values firm; Tolu now quoted at 4s. 6d. per lb., ex store; shipment, 4s. c.i.f.; Canada, steady at 4s. 6d.; shipment, if available, 4s. c.i.f.; Copaba, nominal; Peru, dearer at 8s. 6d. duty paid, ex store.

BENZOIN.—More business reported, with the best grades in short supply and tending dearer: Sumatra from 90s. to 122s. 6d. per cwt., ex store, as to quality.

CAMPHOR.—Good spot business continues in the Japanese product, and supplies are severely depleted. Orders sent out this week for B.B. brand have so far not been accepted. The quoted price is unchanged at £12 per 100 lb., c.i.f. Spot, tablets, 4s. 2d.; slabs, 3s. 9d.; powder, 3s. 10d. per lb.; shipment, tablets, 3s. 3d.; slabs, 3s.; powder, 3s. per lb., c.i.f. English refined, firm as quoted. Flowers, one cwt., 4s. 1d.; 28 lb., 4s. 2d.; small lots, 4s. 3d. per lb. Transparent tablets 4 oz., 8 oz., 16 oz., 4s. 4d.; 1 oz. and 2 oz., 4s. 5d.; ½ oz., ¾ oz., and ¼ oz., 4s. 6d. per lb.

CARDAMOMS.—At the further advances the market is firm, with some descriptions, particularly bleached, in short supply: Spot: Ceylon, bold, if available, 5s.; medium pale, 3s. 10d. to 4s.; small, 3s. 6d.; Bombay seed, 4s. 6d. per lb. Mangalore seed, 4s. 6d.; Aleppy greens, about 4s. per lb., ex store.

CASCARA SAGRADA.—No shipment offers are being received from the Coast. Spot is rather quiet but firm at 100s. per cwt., ex store, for 1938 peel.

CLOVES.—Zanzibar spice on spot is quoted nominal at 1s. 3d. per lb. Madagascar, in bond, 1s. 3d. per lb.

COCONUT (DESICCATED).—At the substantial advance the market is firm: Prices are, spot, fine, 39s.; medium, 40s. per cwt., ex store; afloat, 33s. 3d.; shipment, October–November, 30s. 6d. per cwt., c.i.f.

COD LIVER OIL.—The spot market for Norwegian finest medicinal non-freezing oil is firm at 10s. 6d. to 11s. per gallon, in tin-lined 25-gallon barrels, duty paid, ex wharf.

ERGOT.—A few bags of Polish on spot might still be available at 8s. 6d. to 9s. 6d., as to quality and seller. Portuguese has been quoted for shipment at 12s. 6d. per lb., c.i.f., and it is reported that some orders have been cabled out at this figure and accepted.

GENTIAN.—Dearer, with small spot parcels at about 52s. 6d. per cwt., ex store.

GINGER.—West African on spot is now quoted at 32s. 6d. per cwt., ex store; shipment, September–October, 26s. per cwt., c.i.f. Cochin, spot, 50s., and Jamaican, bold, 85s.; small to medium, 50s. per cwt., ex store.

GUM ACACIA.—The spot price is firm at the levels last quoted. Kordofan cleaned sorts, from 65s. to 67s. 6d. per cwt., ex store; shipment, nothing definite for prompt dispatch, but a price of 45s., c.i.f., has been suggested for new crop.

HONEY.—Supplies of Jamaican being put on the market appear to be limited, with values nominal at 85s. to 100s. per cwt., ex store.

HYDRASTIS.—Dealers' prices dearer; business unimportant: U.S.P., 21s.; f.a.q., 20s. per lb., ex store; shipment, 18s. 6d. per lb., c.i.f.

IPÉCACUANHA.—The spot value for any good-test Matto Grosso is now firm at 15s. to 15s. 6d. per lb., ex store, and some root slightly under B.P. test is available at 14s. 2d. to 14s. 6d. per lb. There are no shipment offers from the source, but a fair amount of stuff is afloat and due here in the course of the next few weeks. The owners of these consignments are not quoting these goods at the moment, preferring to hold them till they arrive here.

MENTHOL.—A fair spot trade continues and the market is firm. K/S brands, spot, 18s. per lb., ex store; shipment, October–November, 15s. 6d., c.i.f. Chinese, spot, 17s. and in small supply; shipment, only December–January offered, at 11s. 7½d. per lb., c.i.f. French material has been selling freely on spot at about 15s. per lb., ex store, duty paid.

MERCURY.—Spanish-Italian metal continues firm and unchanged: Ex store, London, 108 American dollars per bottle; f.o.b. Spanish or Italian port, 103 dollars per bottle.

PEPPER.—Lampung, in bond, 3½d.; afloat, 2½d.; October–December, 2½d., c.i.f.; White Muntok, 6d., in bond; October–December, 4½d. per lb., c.i.f.

PIMENTO.—Spot is again fractionally easier at from 9½d. per lb. Shipment, October–November, 68s. per cwt., c.i.f.

RHUBARB.—The limited quantities of rough-round now available on spot are firmly held for fully 4s. 3d. to 4s. 9d. per lb., as to quality. No Shensi or Canton available here. A shipment offer of rough-round, "f.a.q. the season" (which may mean anything) has been received at 3s. 6d. per lb., c.i.f.

RUBBER.—At the further advance the market is firm, with good business recorded. Standard ribbed smoked sheet, spot, 10½d.; November, 10½d.; December, 10½d.; January–March, 10½d. per lb.

SENEGA.—A fair volume of business is recorded on spot, with the price maintained at 3s. 6d. per lb., ex store; shipment is firm at 3s. 5d. per lb., c.i.f., in bulk quantities.

SENNA.—Dealers report a steady demand, with their spot values firm: Tinnevelly leaves: No. 1 at 8½d., No. 2 at 5d., No. 3 at 3½d. per lb., ex wharf, London. Tinnevelly pods: Best pale hand-picked at 9d., darker grades at 5½d. to 6d. F.a.q. at 4½d. per lb., ex wharf, London. Alexandrian pods: Prices for hand-picked are nominal. Manufacturing quality at 6d. per lb., ex wharf, London.

SHELLAC.—Quoted values have improved, but the market is dull: Standard TN orange, 57s. to 60s. paid. For arrival, TN, 55s. per cwt., c.i.f.

TRAGACANTH.—Spot market firm at the recent advance with supplies restricted: Finest selected white ribbon, from £90; No. 1, white, £77 10s. to £80; No. 2, white, £65 to £70; No. 3, white, £55 to £57 10s.; pale leaf, £35; amber leaf, £25; red leaf, from £16 10s.; woody and hoggy, from £16 10s. All prices are per cwt., ex store, London.

VALERIAN ROOT.—Dealers are quoting small parcels on spot at about 57s. to 60s. per cwt., ex store.

WAXES.—Bees' wax is in short supply and firm. Bees': spot, 160s. per cwt., duty paid, ex store; shipment, advanced to 137s. 6d. per cwt., c.i.f. CARNAUBA: Owing to the small quantities being offered, spot values are nominal at the advance: pale yellow, 360s.; fatty grey, 250s.; chalky grey, 230s. per cwt., ex store. No shipment quotations.

Essential and Expressed Oils, etc.

SPOT values are being maintained at recent increased levels, but business has slackened considerably. Replacement costs, based on current shipment quotations, would be at a good deal more than current spot values.

ALMOND.—The expressed oil is firm as quoted, with a fair business passing: One cwt., 4s. to 4s. 1½d.; smaller parcels, up to 4s. 7½d. per lb., ex store. French, bitter, genuine, 10s. 6d. per lb., reported paid.

ANISE (STAR).—Fair spot inquiry continues, with stocks becoming limited. Spot, tins, about 4s. 10½d.; loads, from 5s. per lb., ex store. Shipment, tins, 3s. 10½d.; drums, 3s. 9d. per lb., c.i.f.

BAY.—Spot values continue to advance, with holders now quoting 5s. 3d. to 5s. 6d. per lb., as to quantity, ex store.

BERGAMOT.—First-hands report that a complete absence of shipment offers continues. On spot there seem to be no bulk supplies available. Small lots of 28 lb. or so might be picked up, with the price a matter of negotiation, and possibly in the region of 23s. per lb. for genuine oil.

CASSIA.—Spot business has been of smaller account; shipment is quoted dearer: Good quality oil selling at 4s. 9d. to 5s. per lb. and some slightly off-quality at 4s. 3d. to 4s. 6d. per lb. ex store. Shipment, 4s. 2d. per lb., c.i.f.

CLOVE.—Market is fully steady, with less demand than of late: Madagascar spot, drums, if available, 4s. 7½d. per lb.; smaller parcels, up to 5s., English distilled, 6s. 6d. to 6s. 9d. per lb., as to quantity.

COCONUT.—Controlled prices are as follows: Refined, £25 7s. 6d.; crude, £22 2s. 6d. per ton.

EUCALYPTUS.—Spot market is firm and supplies available are limited. Shipment offers are restricted and for distant positions only. Australian, 70 to 75 per cent., tins, 2s. 9d. to 2s. 10½d.; drums, if available, in the region of 2s. 9d.; 80 to 85 per cent., tins, 3s. per lb. ex store; higher prices for smaller lots. Shipment, only January–February offered, with 70 to 75 per cent., in drums, at 1s. 8½d. and in tins, 1s. 9d. per lb.

LAVENDER.—There is still an absence of offers of new-crop oil from the source, and it is understood that most of the business that was being negotiated when war broke out has been cancelled. Spot prices vary according to quality of the oil from 14s. up to 16s. 9d. per lb., ex store. One importer reports (Wednesday) a shipment offer of 285 francs per kilo for a good-quality, 38 to 40 per cent. oil.

LEMON.—One or two Sicilian exporters have suggested quotations based on f.o.b. Sicily; it is impossible to calculate the cost, landed, on such quotations. On spot, genuine Sicilian standard-quality oil, in original packages, is in short supply, and would be worth about 17s. 6d. per lb., ex store. Blended oils at cheaper prices. Californian oil, cold pressed, now quoted in sterling at 13s. 6d., at wharf; distilled, regular quality, 7s. 9d. per lb., at wharf, with some supplies available.

LEMONGRASS.—Spot is rather dearer on the week, with good business recorded in the region of 3s.; shipment firm at 2s. 9d. per lb., c.i.f.

LIME.—A dull market; some spot offers may be a shade easier; West Indian distilled oil, 17s. 6d. to 18s. 6d. per lb., ex store.

LINSEED (RAW, NAKED).—The controlled price is £36 per ton.

MANDARIN.—Rather short supply on spot; good quality oil dearer at 22s. 6d. to 23s. per lb., ex store. Blended oils at cheaper prices.

NUTMEG.—Dutch and American is again dearer and firm at about 9s. 7½d. to 10s. per lb., as to quantity. Shipment, American and Dutch, 8s. 9d. per lb., c.i.f.

ORANGE.—Spot quotations are irregular, occasional cheap quotations being reported. French Guinea oil, spot, drums, about 6s.; repacked, in tins, about 6s. 3d. and upwards. Some shipment offers of new crop, December–January shipment, have been reported at about 3s. 6d. per lb., c.i.f., in drums. Californian oil is now quoted in sterling at 3s. 10d. per lb., in small drums, ex store, duty paid, with limited supplies available. West Indian, bitter, spot, 9s. 6d. to 9s. 9d. per lb.

PALMAROSA.—The spot market is firm, with sellers of limited quantities at 1s. 9d. to 12s. per lb., ex store. No definite shipment offers.

PATCHOULI.—The price asked by some holders of good-quality Singapore oil, which seems to be in limited supply, is now from 19s. 6d. to 20s. 6d. per lb. Seychelles, 16s. to 16s. 6d. per lb., ex store. No definite shipment offers.

PEPPERMINT.—A good spot demand continues, with supplies at a low level, but a fair quantity is reported afloat, a good deal of which is booked for consumers and will not come on the market. Spot, 7s. 3d. to 7s. 4½d. per lb. Shipment, October–November, 6s. 6d., c.i.f., with possible market sellers of September–October at 6s. 3d. per lb., c.i.f. The source reports a definite shortage of the best grades of American oil from the new crop, for which there has been a brisk demand. Shippers are now quoting the finest quality oil, in tins in cases, at 2 dollars 87 cents per lb., c.i.f., which is equivalent to fully 14s. 6d. per lb. Other brands, in drums from 2 dollars 55 cents per lb., c.i.f.

PETITGRAIN.—Spot supplies seem to be limited and difficult to locate, market firm. Spot, from 6s. 7½d. to 7s. 1½d. per lb., ex store; shipment is indefinite, but would work out at not less than 6s. per lb., c.i.f.

SANDALWOOD.—Mysore oil is quoted in the region of 21s. per lb. for one case, spot. West Indian, about 8s. 6d. per lb. Australian is now quoted at 16s. per lb. for 7-lb. tins, one case at 15s., and five cases at 14s. 6d. per lb.

SASSAFRAS.—Values for genuine oil are held at the recent advance; best quality oil, 7s. to 8s. per lb. as to quantity. Other grades at less.

SPEARMINT.—Business quiet, values not yet settled down: U.S.P. oil, spot, about 13s. 3d. to 14s.; shipment, from 12s. to 12s. 6d. per lb., c.i.f.

TURPENTINE (AMERICAN).—The price on the London market, uncontrolled, is easier at 65s. per cwt., in barrels, net. Liverpool, nominal 75s. No Hull quotation.

WORMSEED.—Spot market tends dearer, with supplies limited: U.S.P. oil, spot, 16s. to 16s. 3d.; shipment, very few offers, firm at from 15s. 6d. per lb., c.i.f.

Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

N.H.I. Urgent Prescriptions

SIR,—Replying to your correspondent "Late Fee" (*C. & D.*, October 21, p. 406), who wishes to know whether prescriptions marked "urgent" on or about 7 p.m. (the new curtailed hour of closing) will carry the extra dispensing fee, I cannot do better than quote the particular amendment to the terms of service for this area: "That any N.H.I. prescription issued about 7 p.m. or later, which is required to be dispensed the same evening, should be endorsed 'urgent' and, if dispensed that evening, should carry a double dispensing fee." The above was duly approved by the Salford Insurance Committee.

Yours faithfully,

T. B. CHADWICK.

Salford.

SIR,—The decision taken in many areas to close chemists' shops earlier because of the lighting restrictions has raised questions regarding the establishment of a rota and the payment of extra dispensing fees. In each area the Insurance and Pharmaceutical Committees must prepare jointly a scheme for securing a proper pharmaceutical service for insured persons and this deals with hours of service and urgent prescriptions. The scheme specifies an hour (generally 8 o'clock) which shall be regarded as the normal closing hour of the chemists' establishments in the area. Provision is also made for the payment of a double dispensing fee for each prescription received and dispensed "after the normal closing hour" provided the form is marked "urgent" by the doctor. If the normal closing hour is varied by agreement between the authorities concerned (e.g., if 7 p.m. is substituted for 8 p.m.), then double fees will be payable for "urgent" prescriptions presented any time after the new closing hour (i.e., after 7 p.m.). In connexion with these earlier closing arrangements some difficulties may arise because of doctors' surgery hours, for one cannot make patients visit their doctors earlier merely by advancing the time of closing chemists' shops. Chemists who contract with an insurance committee undertake that during reasonable hours dispensing facilities shall be available in each district. It is specially provided that the hours at which doctors are necessarily occupied in surgery consultations must be taken into account and the insurance committee are empowered to make any necessary arrangements to secure this dispensing service either by the formation of a rota or otherwise. It is quite possible therefore that chemists in districts where no such arrangements have hitherto been made may have to join in a late dispensing rota because they are closing their shops at an earlier hour.—Yours faithfully,

CLERICUS (23/10)

Opportunities for Discussion

SIR,—In the *C. & D.*, Oct. 21, "Xrayser," writing on "Meetings and Resolutions," (p. 388) concludes the paragraph with the statement that to fritter away our spare time—if we have any—on casual discussion is a form of wastefulness that we cannot afford. Has he not in this remark hit on the true reason why so many of the so-called business meetings of associations show poor attendances? It should not be necessary to suspend the activities of any association entirely, although the lighting regulations are not conducive to holding meetings at the only time when pharmacists have found it convenient to meet in ordinary times, namely late in the evening after business hours, but afternoon meetings could be held, and with an energetic chairman all the casualness of which "Xrayser" complains could be cut out, and discussions confined to the matters on the agenda. One drawback with a branch meeting is that business affairs do not come under the Society's organisation, but as the majority of members are engaged in retail trade, naturally those are the matters which interest them most, and provide the liveliest discussions. Where a branch and the original association have merged without the total extinction of the latter, this drawback can be overcome by resolving the meeting into one of the association, and during a war period there will be plenty of problems, especially some of interest to pharmacists locally, connected with daily business matters, which would be more easily solved at a meeting of the members, when views could be exchanged and queries discussed freely.—Yours faithfully,

ASSOCIATION MEMBER (22/10).

Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

M. P. D. S. (11/10).—BLACKBOARD PAINT.—The following are formulas for painting blackboards:

	I	
Shellac	.. .. .. ..	4 oz.
Lampblack	.. .. .. ..	2 oz.
Emery powder		
Ultramarine	.. .. .. ..	1 oz.
Methylated spirit	.. .. .. ..	40 oz.
	II	
Shellac		
Sandarac	.. .. .. ..	of each 3 oz.
Mastic	.. .. .. ..	1 oz.
Lampblack	.. .. .. ..	2 oz.
Emery powder		
Ultramarine	.. .. .. ..	of each $\frac{1}{2}$ oz.
Methylated spirit	.. .. .. ..	30 oz.

B. B. (11/10).—ARSENICAL RAT POISON.—The following formulas are taken from "Pharmaceutical Formulas," Vol. II:

	I	
Arsenious acid	1 oz.
Oatmeal	8 oz.
Indigo	1 dr.

Mix well by trituration and add:

Oil of anise	.. .. .. ..	10 m.
Melted dripping	.. .. .. ..	12 oz.

Beat into a paste.

	II	
Arsenious acid	1 oz.
Ultramarine	10 gr.
Cornflour	$\frac{1}{2}$ oz.
Sugar	2 dr.

Mix in the same manner as No. I. From 10 to 20 drops of tincture of asafetida may be added.

A. B. (19/10).—ARTIFICIAL MANURE.—This can be made by rotting down in heaps garden refuse and other waste vegetable matter that is not diseased. Stinging nettles or other fresh green herbage are particularly good because they generate heat. As the decomposition process takes some time, the sooner the heaps can be started the better. There are various methods of composting, including the use of chemicals to hasten the decomposition, and proprietary materials are available for the purpose. Good results can be obtained by adding an occasional spadeful of nitrogenous fertiliser, for example, sulphate of ammonia, when the materials are brown and fibrous, such as dead leaves, cabbage stalks and hard stemmy plants, and by adding an occasional spadeful of lime when the material is green and succulent—lawn mowings, potato tops, cut grass, green weeds or other plants.

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," October 26, 1889

Associations of Chemists

From Jacob Bell's days onwards imaginative pharmacists have pictured to themselves what might be if only the whole body could be induced to pull together. But the happy thought has not yet been struck which has been able to weld the body pharmaceutical into a community with one voice. Nor is it likely to be generated. But it cannot be urged that the different sections of the trade have not had sufficient opportunity for expressing their opinions. Not counting the dead ones, there cannot be less than forty associations of chemists and druggists in the United Kingdom, some vigorous, others moribund, these crippled, those flourishing. And to these again and again eloquent speakers address hopeful greetings and the word of exhortation. But notwithstanding the eloquence and the moral necessity of the duty inculcated, it does not appear that any large proportion of these societies are in a truly healthy condition. We have no desire to disparage their work, which indeed is of such a character that it cannot help being useful, even when the results are not tangible. Nor can anyone deny the substantial merit of many of the papers emanating from or called forth by these associations of pharmacists.

October 28, 1939

THE CHEMIST AND DRUGGIST
SUPPLEMENT

i

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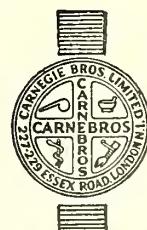
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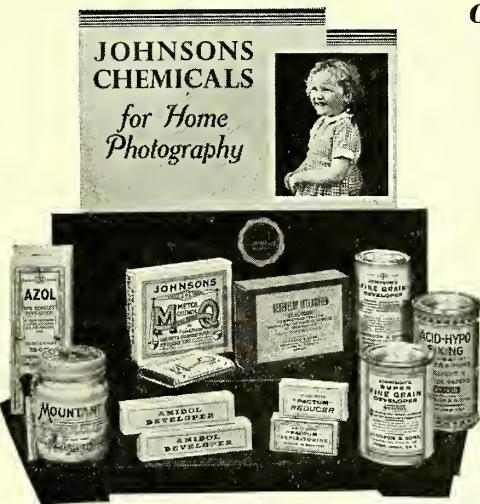
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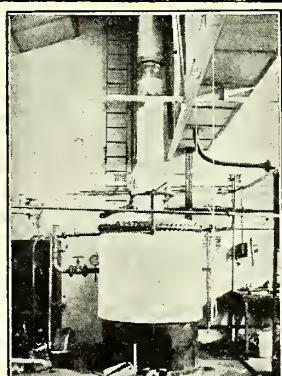
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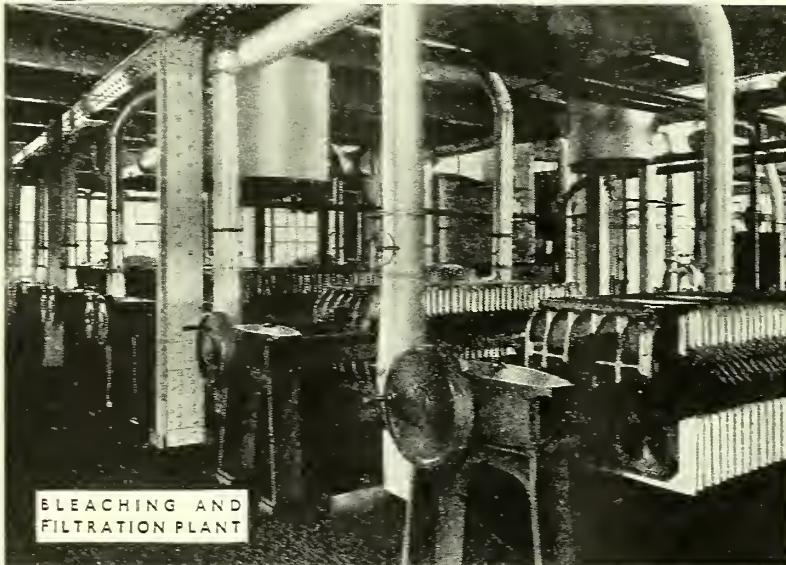
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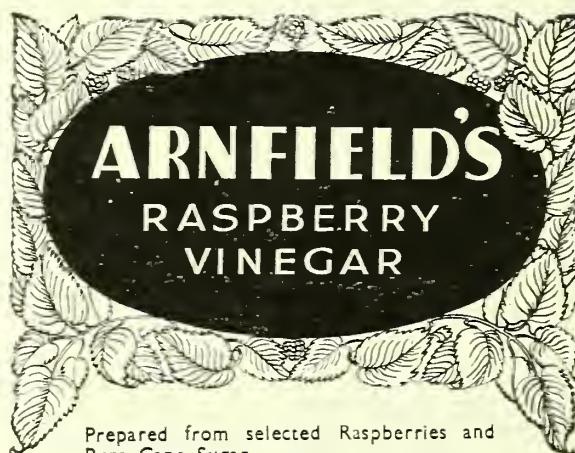
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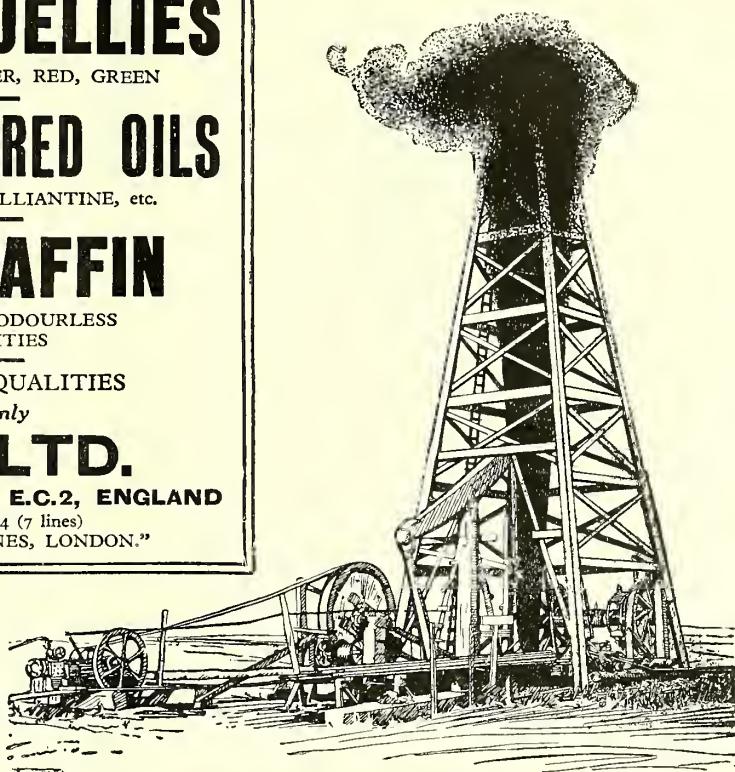
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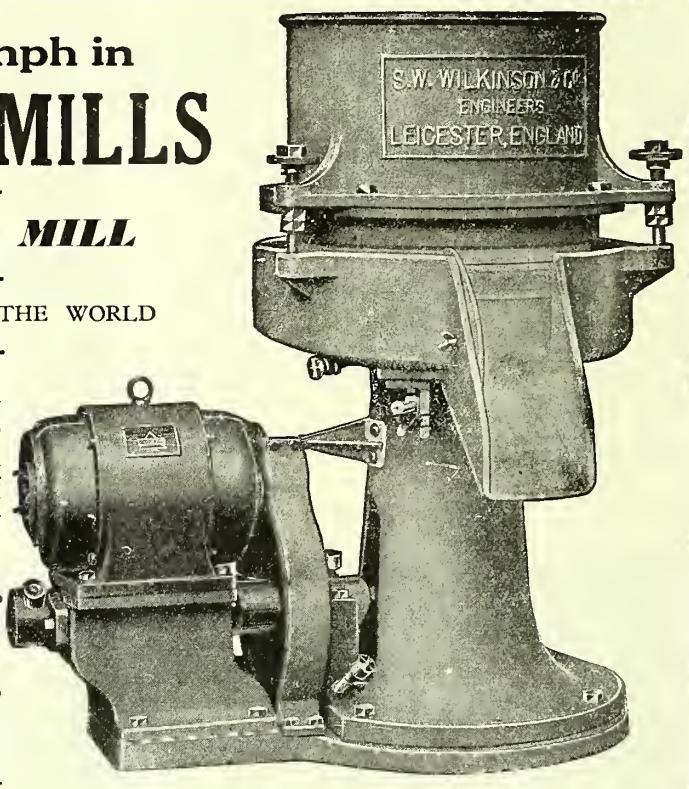
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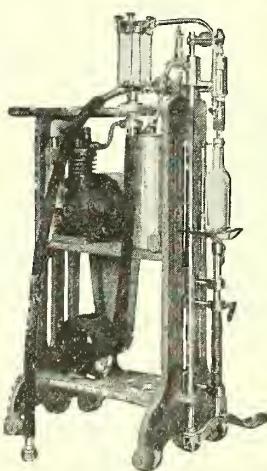
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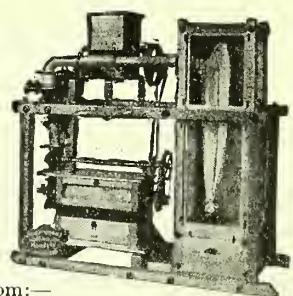
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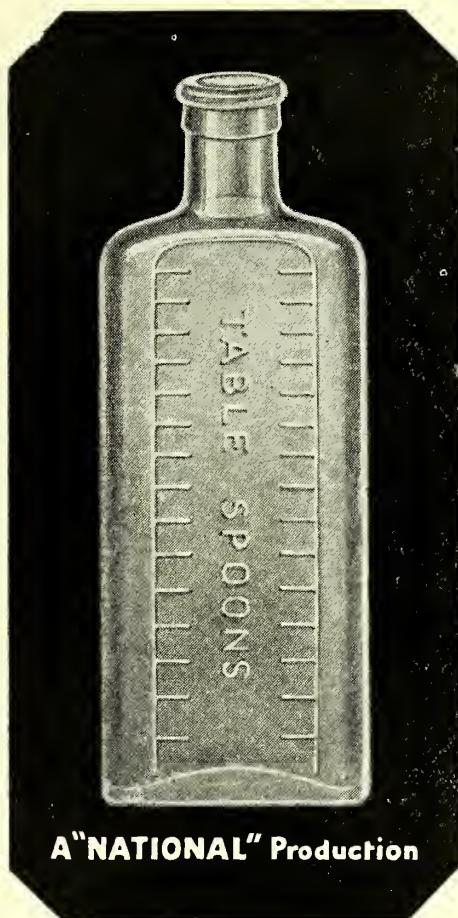
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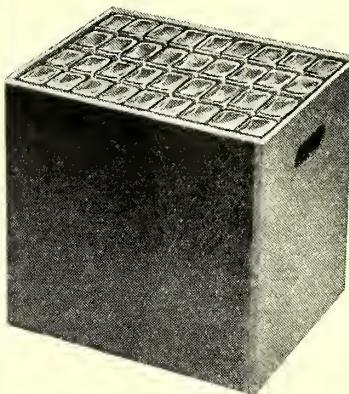
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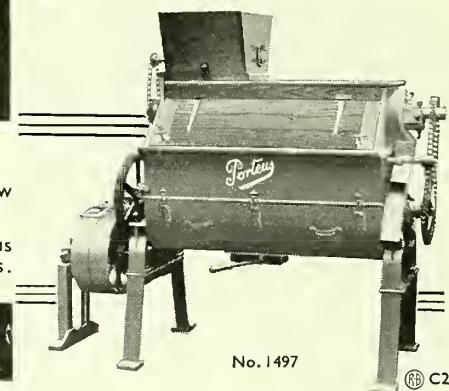
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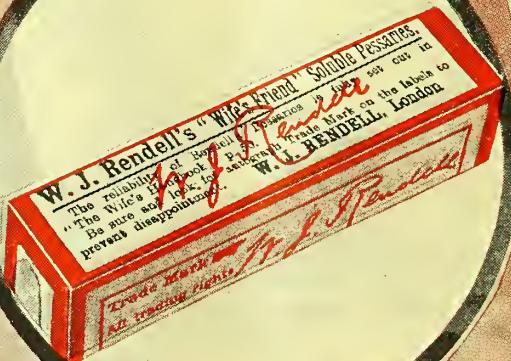
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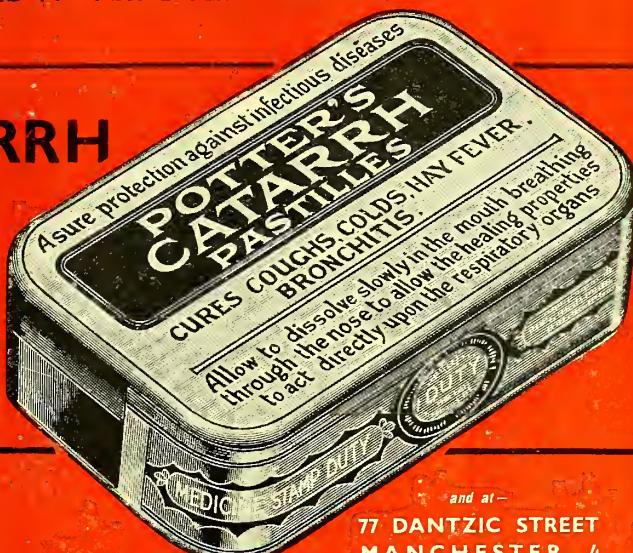
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